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FT SMITH, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM SUMMAR--ETC(U)
JAN 72

UNCLASSIFIED USAFETAC/DS-81/044 SBIE-AD-E850 072 NL

1 OF 5
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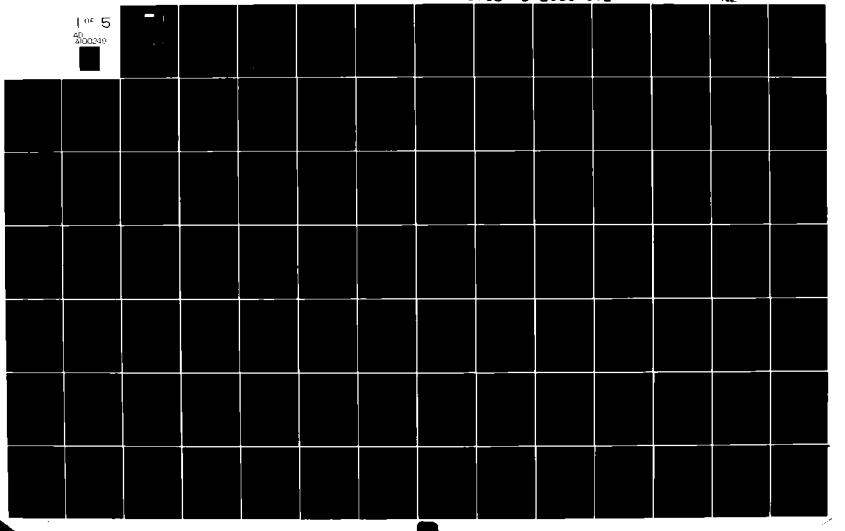

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DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FORT SMITH NWT DOT APT WBAN #26102
N 60 01 W 111 58 ELEV 665 FT. CYSM WMO #72934

PARTS A, C-F

POR FROM HOURLY OBS JAN 57-DEC 66

JAN 21 1972

REC'D FEB 08 1972

FEDERAL BUILDING
ASHEVILLE, N. C.

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1. REPORT NUMBER USAFETAC/DS-81/044	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Ft Smith, Northwest Territories, Canada		5. TYPE OF REPORT & PERIOD COVERED Final rept. 6. PERFORMING ORG. REPORT NUMBER
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16. DISTRIBUTION STATEMENT (of this Report)

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18. SUPPLEMENTARY NOTES

The following parts are missing from this document:
Part A- Atmospheric Phenomena
Part B- Precipitation, Snowfall, Snow Depth
Part E- Daily Max, Min, and Mean Temp/ Extreme Max and Min Temp

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

*RUSSWO	Daily temperatures	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometeric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative Humidity	*Climatological data	(over)

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is a six-part statisitical summary of surface weather observations for Ft Smith, Northwest Territories, Canada
It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD FORM 1 JAN 73 1473

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19. Percentage frenquency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
* Northwest Territories, Canada
** Ft Smith, Northwest Territories, Canada

20. and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

The Period of Record (POR) for Daily Observations is:
JAN 57- DEC 66

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AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA DATA NOT AVAILABLE

PART B PRECIPITATION DATA NOT AVAILABLE

SNOWFALL DATA NOT AVAILABLE

SNOW DEPTH DATA NOT AVAILABLE

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP DATA NOT AVAILABLE

EXTREME MAX & MIN TEMP DATA NOT AVAILABLE

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY	APRIL	JULY	OCTOBER
FEBRUARY	MAY	AUGUST	NOVEMBER
MARCH	JUNE	SEPTEMBER	DECEMBER

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
26102	FORT SMITH NWT DOT APT	N 60 01	W 111 58	665	CYSM	72934

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Fort Smith NWT DOT Apt	C	Jan 57	Dec 66	N 60 01	W 111 58	665	N/A	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 57 to Dec 66	Not Available	N/A	N/A	N/A	Hourly surface observations on Magnetic tape from DOT Canada.

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CONTINUED ON REVERSE SIDE

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ASHEVILLE, NORTH CAROLINA

A

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.

2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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WEATHER CONDITIONS

26102	FORT SMITH NOT DOT APT	57-66	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	ALL			.2	32.9		33.0	2.3		2.3		5.2	7435
FEB			.1	.4	27.6		28.0	1.2		.9		2.0	6768
MAR			.2	.2	21.7		22.0	.3		.5		.8	7440
APR			1.9	.0	10.5		12.2	.2		.5	.0	.7	7200
MAY		.1	5.7		3.2		8.8	.4	.0		.0	.5	7440
JUN		.9	9.6	.0	.3	.0	9.8	.6				.6	7200
JUL		1.0	9.0				9.0	.8	1.0			1.8	7440
AUG		.7	8.4				8.4	1.4	.1			1.5	7440
SEP		.0	12.3		1.5	.0	13.8	2.6				2.6	7200
OCT			5.7	.9	14.6		20.7	3.4		.2		3.6	7440
NOV			.2	2.3	37.7		39.7	2.8		.4		3.2	7200
DEC			.1	.4	37.4		37.9	2.4		.8		3.3	7440
TOTALS		.2	4.4	.4	15.6	.0	20.3	1.5	.1	.5	.0	2.2	87643

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WEATHER CONDITIONS

261[illegible]2	FORT SMITH RGT DOT APT	57-66	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02			.6	35.9		36.0	1.6		3.1		4.7	930
	03-05			.1	38.7		38.7	2.3		2.9		5.1	927
	06-08			.1	40.0		40.1	4.2		2.4		6.2	923
	09-11				29.5		29.5	4.2		2.7		6.9	930
	12-14			.2	30.0		30.2	2.5		3.1		5.6	930
	15-17			.2	26.8		26.9	1.8		3.1		4.9	930
	18-20			.3	32.0		32.0	.6		2.9		3.5	930
	21-23			.3	30.5		30.8	1.1		3.3		4.4	930
TOTALS				.2	32.9		33.0	2.3		2.9		5.2	7435

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WEATHER CONDITIONS

26102	FORT SMITH NOT DOT APT	57-66	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02		.2	.6	30.3		31.3	1.2				1.2	846
	03-05		.4	.1	33.8		34.2	1.3		.7		2.0	846
	06-08			.1	32.0		32.0	2.4		1.1		3.4	846
	09-11			.4	29.0		29.0	2.1		1.3		3.4	846
	12-14			.5	23.3		23.6	.5		2.1		2.6	846
	15-17			.1	22.2		22.3	.4		1.1		1.4	846
	18-20			.1	23.3		23.4	.7		.2		.9	846
	21-23			.9	27.0		27.9	.9		.5		1.4	846
TOTALS			.1	.4	27.6		28.0	1.2		.9		2.0	6768

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WEATHER CONDITIONS

261.2	FORT SMITH NWT DOT APT	57-66	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		.3	.3	23.0		23.7	.5		.2		.8	930
	03-05		.2	.5	27.1		27.7	.6		.4		1.2	930
	06-08			.4	26.6		27.0	.6		.2		.9	930
	09-11		.1	.3	25.2		25.3	.3		.5		.9	930
	12-14		.4	.3	18.6		19.0			.9		.9	930
	15-17		.3		16.7		17.0			.8		.8	930
	18-20		.1		17.8		18.0	.1		.3		.4	930
	21-23		.2		18.5		18.6	.1		.4		.5	930
TOTALS			.2	.2	21.7		22.0	.3		.5		.8	7440

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WEATHER CONDITIONS

26102	FORT SMITH NWT DOT APT	57-66	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02		2.4		10.3		12.7	.1		.1		.2	900
	03-05		2.3	.1	10.6		12.8	.2				.2	900
	06-08		1.7		10.7		12.3	1.0				1.0	900
	09-11		1.4		13.3		14.4			.2	.1	.2	900
	12-14		2.3		11.3		13.2			.8	.1	.8	900
	15-17		2.3		11.0		13.2			.9	.1	1.0	900
	18-20		1.2		8.1		9.1			.8		.8	900
	21-23		1.8		8.4		9.8	.2		.8		1.0	900
TOTALS			1.9	.0	10.5		12.2	.2		.5	.0	.7	7200

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WEATHER CONDITIONS

23102	FORT SMITH NAT ADT APT	57-66	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02		5.6		2.6		8.2	.4	.1			.5	930
	03-05		5.0		4.4		10.0	.8	.2			1.0	930
	06-08		6.1		4.8		10.4	1.3				1.3	930
	09-11		5.4		4.4		9.5	.5				.5	930
	12-14	.1	6.0		2.8		8.8	.3			.2	.5	930
	15-17	.2	6.0		2.0		8.1	.2				.2	930
	18-20	.1	4.8		2.2		7.0						930
	21-23		5.7		2.6		8.3						930
TOTALS		.1	5.7		3.2		8.8	.4	.0		.0	.5	7440

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WEATHER CONDITIONS

26102 STATION | FORT SMITH MKT DOT APT STATION NAME | 57-66 YEARS | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	*RAIN* AND/OR DRIZZLE	*FREEZING* RAIN & /OR DRIZZLE	*SNOW* AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	00-02	.6	10.3		.1		10.4	.6				.6	900
	03-05	.1	9.6	.1	.2		9.8	1.4				1.4	900
	06-08		9.8		.6		10.1	1.8				1.8	900
	09-11		10.2		.4		10.7	.7				.7	900
	12-14	1.6	10.6		.2	.1	10.8	.2				.2	900
	15-17	2.6	9.7		.1		9.8						900
	18-20	1.6	7.9		.3		7.9	.1				.1	900
	21-23	.6	8.8		.2		8.9	.1				.1	900
TOTALS		.9	9.6	.0	.3	.0	9.8	.6				.6	7200

1

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WEATHER CONDITIONS

26102	FORT SMITH NAT DOT APT	57-66	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUL	00-02	.6	8.8				8.8	.4	.9			1.3	930
	03-05	.5	8.8				8.8	2.9	1.0			3.9	930
	06-08	.5	8.3				8.3	1.6	.9			2.5	930
	09-11	.1	7.7				7.7	.6	1.2			1.8	930
	12-14	1.1	7.7				7.7	.2	1.0			1.2	930
	15-17	2.2	12.3				12.3	.1	1.0			1.1	930
	18-20	2.0	8.0				8.0	.2	1.1			1.3	930
	21-23	.9	10.5				10.5	.2	1.0			1.2	930
TOTALS		1.0	9.0				9.0	.8	1.0			1.8	7440

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WEATHER CONDITIONS

26102 FORT SMITH NAT DOT APT 57-66 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.2	6.5				6.5	1.1				1.1	930
	03-05	.4	6.9				6.9	4.3	.3			4.4	930
	06-08	.3	8.8				8.8	4.2	.4			4.6	930
	09-11	.3	9.0				9.0	1.0	.3			1.3	930
	12-14	.8	8.7				8.7						930
	15-17	2.2	10.5				10.5						930
	18-20	1.3	8.1				8.1	.2				.2	930
	21-23	.4	8.8				8.8	.1				.1	930
TOTALS		.7	8.4				8.4	1.4	.1			1.5	7440

1

DATA PROCESSING DIVISION
2 USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26102 FORT SMITH NAT DOT APT 57-66 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02		10.8		1.0		11.8	2.8				2.8	900
	03-05		12.1		1.6		13.6	6.2				6.2	900
	06-08		12.2		2.3		14.6	6.3				6.3	900
	09-11		13.6		1.8		15.2	4.0				4.0	900
	12-14	.1	11.2		1.9	.3	13.2	.4				.4	900
	15-17	.2	13.7		1.7		15.1	.3				.3	900
	18-20		12.0		.8		12.7	.4				.4	900
	21-23		13.0		.9		13.9	.6				.6	900
TOTALS		.0	12.3		1.5	.0	13.8	2.6				2.6	7200

1 USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26102	FORT SMITH NRT DOT APT	57-66	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02		4.9	.9	14.0		19.1	2.9		.2		3.1	930
	03-05		4.3	1.8	16.2		21.7	5.7		.3		6.0	930
	06-08		4.5	1.6	14.0		19.8	5.8		.4		6.2	930
	09-11		7.1	.1	14.6		21.4	5.1		.3		5.4	930
	12-14		6.2	.5	14.5		20.8	1.7		.2		1.9	930
	15-17		5.4	.4	13.5		18.8	1.3		.2		1.5	930
	18-20		7.2	.4	14.8		22.0	2.3		.2		2.5	930
	21-23		5.9	1.2	15.4		22.0	2.0				2.0	930
TOTALS			5.7	.9	14.6		20.7	3.4		.2		3.6	7440

1

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02			2.4	41.6		43.6	2.2		.2		2.4	900
	03-05		.1	3.2	42.9		45.3	3.6				3.6	900
	06-08		.2	2.8	41.8		44.4	4.3				4.3	900
	09-11		.6	3.1	39.2		42.1	4.3		1.0		5.3	900
	12-14		.4	1.0	33.3		34.7	2.9		1.1		4.0	900
	15-17		.1	1.3	28.2		29.4	1.7		.9		2.6	900
	18-20		.1	2.0	34.0		35.4	2.3		.1		2.4	900
	21-23		.2	2.8	40.4		42.9	1.3				1.3	900
TOTALS			.2	2.3	37.7		39.7	2.8		.4		3.2	7200

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26102	FORT SMITH NRT DOT APT	57-66	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02			.2	39.6		39.8	2.0		.3		2.4	930
	03-05			.4	38.9		39.2	2.5		.1		2.6	930
	06-08		.3	.9	37.1		38.3	3.3		.3		3.7	930
	09-11		.3	1.1	32.5		33.7	3.9		.6		4.5	930
	12-14		.1	.2	38.9		39.0	2.0		1.5		3.5	930
	15-17		.3		35.3		35.5	1.1		1.5		2.6	930
	18-20			.3	36.2		36.5	1.8		1.2		3.0	930
	21-23			.3	40.6		40.8	2.9		1.0		3.9	930
TOTALS			.1	.4	37.4		37.9	2.4		.8		3.3	7440

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART C SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

   NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders." DATA NOT AVAILABLE

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

   A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VAREL.

   a. Three tables are prepared for all surface winds included, and for all years combined as follows:

      (1) Annual - all hours combined

      (2) By month - all hours combined

      (3) By month - by standard 3-hour groups

   b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

C

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 — STATION
FORT SMITH NWT DOT APT — STATION NAME
57-66 — YEARS
ALL — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.8	2.1	.8	.0	.0						6.3	6.7
NNE	.8	.9	.9	.2	.0	.0						2.8	6.2
NE	1.4	1.0	.5	.0	.0		.0					3.0	4.5
ENE	.9	.9	.6	.0								2.4	5.0
E	2.0	1.9	1.0	.1								5.0	4.8
ESE	1.0	1.8	1.7	.3	.0							4.8	6.2
SE	1.9	3.7	4.9	1.6	.1	.0						12.2	7.2
SSE	1.0	2.7	5.4	2.8	.2	.0	.0					12.0	8.4
S	1.3	1.7	2.2	.9	.1	.0						6.1	7.0
SSW	.5	.5	.5	.2	.0	.0						1.7	6.1
SW	1.1	1.0	.7	.2	.0							3.0	5.5
WSW	.6	.7	.8	.2	.0	.0						2.4	6.4
W	1.0	1.2	1.4	.6	.1	.0	.0					4.7	6.9
WNW	.6	1.4	2.7	1.6	.2	.0	.0					6.5	8.9
NW	1.5	2.9	5.2	3.1	.5	.1	.0					13.3	8.7
NNW	.9	1.7	2.9	1.6	.1	.0	.0					7.1	8.1
VARBL													
CALM												7.3	
	17.8	25.7	33.4	14.3	1.3	.2	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 87643

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2612.2	FORT SMITH NWT DOT APT	57-66	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.0	.8	.1	.0	.0						3.4	5.3
NNE	.6	.4	.1		.0							1.0	4.0
NE	.9	.2	.0									1.2	3.2
ENE	.6	.2	.0									.8	3.4
E	1.3	1.1	.2									2.6	3.9
ESE	1.1	1.5	1.4	.1	.0							4.1	5.7
SE	2.5	4.1	4.4	.9	.1							12.0	6.5
SSE	1.4	3.7	4.2	2.3	.1							11.7	7.7
S	1.7	1.3	.7	.4	.1							4.2	5.5
SSW	.8	.3	.1	.0								1.2	3.8
SW	1.4	1.1	.4	.0								2.9	4.3
WSW	.7	.8	.4	.1								2.1	5.2
W	1.3	1.6	1.7	.4	.0							5.1	6.1
WNW	.9	2.1	4.6	2.6	.2	.1	.0					10.4	8.8
NW	2.1	3.8	8.8	6.0	1.1	.2						22.0	9.4
NNW	1.2	1.6	2.5	1.4	.1	.1						6.9	8.0
VARBL													
CALM												8.1	
	19.8	24.8	30.5	14.4	1.8	.4	.0					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 7435

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23102	FORT SMITH NOT OUT APT	57-66	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.4	1.1	.3	.0							4.7	5.5
NNE	.9	.3	.1	.0								1.3	3.7
NE	.8	.3	.1									1.2	3.5
ENE	.7	.6	.3									1.6	4.3
E	2.5	1.4	.5	.0								4.4	4.0
ESE	1.2	2.2	1.2	.1								4.7	5.3
SE	2.4	5.4	5.7	1.2	.0							14.7	6.5
SSE	.9	3.4	5.3	2.4								12.0	7.9
S	1.4	1.6	1.0	.4								4.3	5.5
SSW	.6	.3	.3	.0								1.2	4.8
SW	.4	.4	.3									1.6	4.3
WSW	.3	.3	.2	.2	.0							1.0	6.6
W	1.3	.9	.8	.2								3.2	5.5
WNW	.7	1.4	3.3	1.6	.1							7.2	8.5
NW	2.8	4.3	8.9	4.8	.6	.0						21.4	8.4
NNW	.9	1.8	3.1	1.3	.1							7.2	7.8
VARBL													
CALM												8.2	
	20.2	25.9	32.0	12.7	.9	.0						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 6768

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NAT DOT APT	57-66	YEAR
STATION	STATION NAME	YEARS	MONTH
	ALL WEATHER		ALL
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	2.7	2.2	.7	.0	.0						8.4	5.8
NNE	1.0	.8	.7	.1	.0							2.7	5.4
NE	1.5	1.1	.4									2.9	4.2
ENE	.9	.9	.4									2.2	4.5
E	2.6	2.2	1.0	.0								5.8	4.6
ESE	1.5	2.4	1.6	.3								5.9	5.7
SE	2.4	4.6	5.9	1.8	.0							14.8	7.0
SSE	1.0	2.2	5.3	3.3	.3							12.2	8.9
S	.8	1.2	1.0	.5	.0							3.5	6.5
SSW	.2	.1	.1									.5	4.4
SW	.7	.5	.3									1.5	4.7
WSW	.3	.2	.3	.0								.9	5.6
W	.6	.6	1.0	.2								2.4	6.4
WNW	.6	1.4	2.1	1.0	.2							5.4	8.1
NW	1.7	3.1	6.3	4.0	.6	.0						15.6	8.7
NNW	1.3	2.0	2.7	1.7	.2							7.9	7.8
VARBL													
CALM												7.3	
	19.9	26.2	31.5	13.7	1.4	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.3	3.0	1.1	.1							7.7	7.3
NNE	.6	1.2	1.2	.2								3.4	5.9
NE	1.7	1.6	.6	.0								3.9	4.4
ENE	1.3	1.1	.7	.0								3.2	4.7
E	1.9	2.7	1.5	.1								6.3	5.1
ESE	1.1	2.1	1.7	.2								5.1	5.9
SE	1.5	3.8	6.8	2.6	.2							15.0	7.8
SSE	.8	2.5	6.3	3.7	.2							13.5	8.9
S	.7	.9	1.4	.7	.2	.0						3.9	7.9
SSW	.3	.2	.2	.1								.7	5.8
SW	.7	.4	.4	.2	.0							1.7	5.8
WSW	.2	.2	.2	.2	.1							.9	7.4
W	.4	.4	.6	.6	.1							2.0	8.4
WNW	.4	.9	1.3	1.1	.3	.0						4.0	9.3
NW	1.0	2.3	4.8	4.2	1.0	.2						13.5	9.9
NNW	.8	1.7	4.3	2.8	.2	.0						10.0	9.0
VARBL													
CALM												5.2	
	14.9	24.5	35.0	18.1	2.2	.2						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 7200

1

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT DOT APT	57-66	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

ALL (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.4	4.3	1.9	.1							10.3	7.7
NNE	.9	1.8	2.4	.7								5.8	7.0
NE	2.0	1.9	1.6	.2								5.7	5.2
ENE	1.0	2.0	1.6	.1								4.8	5.8
E	1.8	2.8	2.7	.3								7.5	5.8
ESE	.8	1.9	3.6	1.0	.1							7.3	7.7
SE	.8	3.0	4.8	2.5	.3							11.5	8.4
SSE	.5	1.7	4.0	2.4	.2	.0						8.9	9.0
S	.8	.9	2.3	1.2	.1							5.3	8.2
SSW	.3	.6	.4	.3	.0							1.6	6.8
SW	.8	.7	.7	.3	.1							2.5	6.5
WSW	.3	.5	.6	.4	.1	.0						1.9	8.0
W	.6	.7	.7	.7	.1							2.8	7.6
WNW	.3	.7	1.2	.8	.1	.0						3.2	9.1
NW	.9	1.8	3.8	2.3	.2							9.0	8.6
NNW	.7	1.7	3.9	2.2	.1							8.6	8.7
VARBL													
CALM												3.2	
	14.3	25.2	38.7	17.2	1.5	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 7440

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 STATION | FORT SMITH NAT DOT APT STATION NAME | 57-66 YEARS | JUN MONTH

ALL WEATHER CLASS | ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.8	3.0	1.2	.0	.0						7.3	7.3
NNE	1.0	1.9	2.1	.5								5.5	6.5
NE	1.9	1.6	1.0	.1								4.5	4.8
ENE	.8	1.3	1.0	.1								3.2	5.7
E	2.0	2.3	1.3	.2								5.9	5.1
ESE	.8	1.8	1.7	.3								4.7	6.3
SE	1.5	3.4	4.5	1.9	.1							11.5	7.5
SSE	.8	2.3	4.3	2.4	.2	.0						10.0	8.5
S	1.1	1.8	2.9	1.4	.1							7.3	7.7
SSW	.8	.8	.8	.3	.0							2.7	6.2
SW	1.2	1.1	.8	.4	.0							3.5	5.9
WSW	.7	.8	.9	.4	.0							2.8	6.7
W	.9	.9	1.1	.3	.0							3.2	6.4
WNW	.4	.9	1.8	1.1	.2	.0	.0					4.5	9.0
NW	1.0	2.0	3.5	2.3	.5	.1						9.5	9.1
NNW	.6	1.8	3.4	1.9	.2							7.9	8.7
VARBL													
CALM												6.1	
	17.0	26.5	34.0	14.7	1.4	.2	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 7200

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT OUT APT (STATION NAME) 57-66 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.4	2.5	.7		.0						7.0	6.5
NNE	.7	.8	1.1	.2								2.8	6.2
NE	1.5	1.4	.7	.1								3.6	4.6
ENE	1.0	1.1	.7	.1								2.9	5.1
E	2.0	2.6	1.0	.1								5.6	4.7
ESE	.6	1.7	1.3	.2								3.8	6.1
SE	1.4	3.2	3.8	.9	.0							9.4	6.8
SSE	.7	2.1	4.1	1.7	.1							8.7	8.1
S	1.1	2.2	3.1	1.2	.1							7.7	7.3
SSW	.6	.8	1.2	.6	.0							3.3	7.3
SW	1.1	1.5	1.5	.6	.0							4.7	6.7
WSW	.6	.9	1.0	.4	.0	.0						2.9	6.9
W	.7	1.4	1.7	.4	.0							4.3	6.8
WNW	.6	1.5	2.3	1.4	.1							5.9	8.4
NW	1.2	3.1	5.6	3.2	.3	.1						13.5	8.6
NNW	.9	1.7	3.3	1.5	.1							7.5	8.1
VARBL													
CALM												6.6	
	16.2	28.5	34.7	13.1	.9	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT OUT APT (STATION NAME) 57-66 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.8	2.1	1.0	.1							6.7	6.8
NNE	.6	.9	.7	.1								2.4	5.9
NE	1.2	1.2	.7	.1			.0					3.2	4.9
ENE	.9	1.2	.7	.1								2.9	5.2
E	2.0	2.1	1.1	.0								5.2	4.7
ESE	.8	1.5	1.5	.2								4.1	6.1
SE	1.6	3.4	3.7	1.3	.1	.0						10.0	6.9
SSE	1.1	3.0	5.8	1.2	.0							11.2	7.5
S	1.8	2.8	3.3	1.2	.1	.0						9.1	6.9
SSW	.6	.8	1.0	.2	.0							2.7	6.5
SW	1.5	1.4	1.0	.2	.0							4.1	5.3
WSW	.9	.9	1.3	.2	.0							3.3	6.2
W	1.2	1.0	1.5	.6	.0	.0						4.3	6.7
WNW	.6	1.5	2.7	1.4	.1	.0						6.3	8.5
NW	1.4	2.7	3.9	1.7	.4							10.2	8.0
NNW	.7	1.7	2.8	1.2	.1							6.5	7.9
VARBL													
CALM												7.8	
	18.6	28.1	33.7	10.7	1.0	.1	.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 7440

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.6	2.2	1.2	.1							6.1	7.6
NNE	.7	.9	1.0	.4								3.1	6.6
NE	1.0	1.3	.6	.2								3.0	5.2
ENE	.5	.9	.8	.0								2.2	5.7
E	1.1	1.1	.6	.0								2.9	4.8
ESE	1.0	1.9	1.6	.3								4.7	6.1
SE	1.6	2.7	4.9	1.5	.1							10.8	7.6
SSE	.8	1.9	5.8	3.3	.2							12.1	9.0
S	1.3	1.4	3.0	1.4	.1							7.2	7.8
SSW	.5	.6	.7	.3	.0							2.1	6.9
SW	1.0	1.3	1.0	.3	.1							3.7	6.2
WSW	.6	1.0	1.2	.4	.0							3.2	6.9
W	1.0	1.7	1.8	.6	.0	.0						5.1	6.8
WNW	.5	1.7	3.0	2.0	.5	.0						7.7	9.3
NW	.9	2.5	5.2	2.5	.6	.1						11.7	8.8
NNW	1.0	1.6	2.7	1.7	.1	.0						7.1	8.3
VARBL													
CALM												7.3	
	14.5	23.9	36.2	16.2	1.7	.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 7200

1

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.6	1.7	.9	.0							5.4	7.1
NNE	.7	.5	.8	.5	.1	.0						2.6	7.6
NE	1.2	.8	.4	.0								2.4	4.2
ENE	.6	.6	.4	.0								1.6	5.1
E	1.4	1.3	1.0	.2								3.9	5.3
ESE	.5	1.2	1.9	.6	.0							4.2	7.5
SE	1.2	2.6	4.7	1.8	.0							10.4	7.7
SSE	1.2	3.1	7.3	4.2	.2							16.2	8.8
S	1.7	2.2	3.5	1.5	.1							9.1	7.3
SSW	.7	.5	1.0	.1	.0	.0						2.3	6.3
SW	1.0	1.7	.9	.2	.0							3.9	5.6
WSW	.6	1.2	1.5	.3								3.5	6.5
W	1.1	1.5	2.0	1.3	.2	.0	.0					6.3	8.1
WNW	.5	1.0	3.1	2.9	.5	.1	.0					8.2	10.4
NW	1.1	1.9	2.9	1.8	.3	.1						8.1	8.6
NNW	.6	1.5	1.9	1.1	.1	.0						5.1	8.0
VARBL													
CALM												7.0	
	15.2	23.2	35.1	17.6	1.6	.3	.0					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT OUT APT	57-66	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.6	1.2	.5	.0							4.8	5.9
NNE	.7	.6	.4	.1								1.8	5.2
NE	1.3	.4	.2	.0	.0							2.0	3.8
ENE	1.0	.5	.3	.0								1.9	4.5
E	2.3	1.5	.8	.1								4.8	4.6
ESE	1.0	1.3	1.6	.1								4.0	6.0
SE	2.0	3.2	4.1	1.9	.1							11.3	7.3
SSE	1.1	2.8	5.8	2.9	.2	.1	.0					12.9	8.5
S	1.8	2.3	2.4	.4								7.0	6.0
SSW	.7	.5	.3									1.5	4.6
SW	1.0	1.1	.5	.0								3.7	4.4
WSW	1.0	1.2	1.4	.2								3.8	6.1
W	1.1	1.7	2.3	1.7	.1							7.0	8.1
WNW	.6	1.3	3.5	2.2	.1	.1	.0					8.0	9.3
NW	1.5	2.7	4.3	2.3	.2	.0						11.1	8.1
NNW	.7	1.3	2.3	1.1	.1							5.5	7.8
VARBL													
CALM												9.5	
	19.7	24.2	31.6	13.8	.8	.3	.0					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 7200

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT DOT APT	57-66	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS) | ALL (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.3	.6	.0								3.3	4.7
NNE	.6	.5	.1	.0								1.2	4.1
NE	1.6	.5	.0									2.1	3.0
ENE	1.0	.5	.1									1.5	3.5
E	3.0	1.2	.6	.1								4.9	4.0
ESE	1.4	1.8	1.3	.2	.0							4.7	5.6
SE	3.4	4.9	5.1	1.2	.2	.0						14.8	6.4
SSE	1.7	3.4	6.2	3.5	.1	.0						14.9	8.2
S	1.1	1.3	1.2	.3								4.0	5.9
SSW	.3	.2	.1	.0								.8	4.1
SW	1.0	.9	.3	.0								2.2	4.4
WSW	.6	1.0	.6	.0								2.1	5.2
W	1.3	1.3	1.5	.1								4.2	5.6
WNW	.9	1.9	3.5	1.0	.1	.1						7.6	7.9
NW	2.5	4.4	5.1	2.3	.3	.1	.0					14.6	7.5
NNW	1.4	1.6	1.5	.7	.1		.0					5.3	6.7
VARBL													
CALM												11.8	
	23.1	26.8	27.8	9.5	.8	.3	.0					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.4	.5									3.0	4.5
NNE	.5	.3										.9	3.4
NE	1.0	.1	.1									1.2	2.8
ENE	.9	.4										1.3	3.3
E	1.7	1.7	.1									3.5	3.6
ESE	.9	2.2	.6	.1	.1							3.9	5.5
SE	2.2	4.8	4.6	.8								12.4	6.4
SSE	1.5	3.2	3.7	1.7	.1							10.2	7.4
S	2.0	1.1	.4	.5								4.1	5.3
SSW	.8	.8	.2	.1								1.8	4.9
SW	1.3	1.4	.6	.1								3.4	4.7
WSW	1.0	1.4	.4	.1								2.9	5.0
W	1.4	.9	1.9	.6								4.8	6.5
WNW	.9	2.2	3.9	2.4	.4	.3						10.0	9.2
NW	2.2	4.0	10.4	4.8	1.2	.2						22.8	9.1
NNW	1.1	1.5	1.4	.6	.2							4.8	6.9
VARBL													
CALM												8.9	
	20.2	27.3	29.0	11.9	2.0	.5						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT DOT APT	57-66	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.2	.5									2.4	5.0
NNE	.2	.5			.1							.9	6.0
NE	.8	.4										1.2	3.4
ENE	.3		.1									.4	4.3
E	2.2	2.3	.1									4.9	3.8
ESE	1.3	1.9	2.0									5.3	5.5
SE	1.7	4.9	4.4	.5	.4							12.0	6.8
SSE	1.1	3.2	2.9	1.3	.2							8.7	7.4
S	2.2	1.0	1.2									5.0	5.0
SSW	1.2	.2										1.4	3.2
SW	2.3	.9	.5	.1								3.8	4.2
WSW	1.6	.4	.8	.2								3.0	5.2
W	1.3	1.7	1.8	.1								5.0	5.8
WNW	1.0	1.4	5.1	2.6	.3		.1					10.5	9.2
NW	1.4	3.6	9.5	5.8	1.4	.3						22.0	9.7
NNW	1.6	1.1	2.3	.9	.1							5.9	7.0
VARBL													
CALM												8.1	
	20.7	25.4	31.3	11.5	2.6	.3	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 927

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.8	.9	.2	.1							2.8	6.4
NNE	.4	.1										.5	2.6
NE	.4	.1										.5	2.8
ENE	.4	.1										.5	3.2
E	2.0	.8	.4									3.2	3.8
ESE	1.7	1.9	1.4	.1								5.2	5.2
SE	2.0	3.4	4.4	1.2	.3							11.4	7.1
SSE	1.4	3.9	3.1	2.2	.1							10.7	7.5
S	1.3	1.6	.4	.1								3.7	4.6
SSW	.2	.4	.3									1.0	5.2
SW	1.8	1.1	.2	.1								3.2	4.1
WSW	1.0	1.1	.4	.2								2.7	5.2
W	1.3	1.9	1.3	.3								4.8	5.7
WNW	1.1	1.4	5.5	2.4	.2							10.6	8.7
NW	1.8	4.3	10.2	6.8	1.3	.1						24.6	9.4
NNW	.8	.8	1.9	1.1		.2						4.7	8.6
VARBL													
CALM												9.8	
	18.6	23.9	30.6	14.7	2.0	.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 928

USAFETAC FORM JUL 64 0-8-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NAT DOT APT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.1	.4									3.2	4.2
NNE	.5	.1										.6	3.2
NE	.5	.1	.1									.7	3.9
ENE	1.0											1.0	2.8
E	1.3	.8	.3									2.4	3.9
ESE	1.4	1.0	1.7	.2								4.3	5.8
SE	2.0	3.9	4.3	.9								11.1	6.5
SSE	1.8	4.4	4.0	3.9	.2							14.3	8.0
S	2.0	.8	.4									3.2	4.0
SSW	1.2	.1										1.3	3.1
SW	1.6	1.1	.5									3.2	4.4
WSW	.2	.5	.8									1.5	6.1
W	1.8	.9	.6	.3								3.7	5.1
WNW	1.1	2.3	5.8	2.9	.2							12.3	8.6
NW	2.3	3.2	9.6	6.0	.9	.1						22.0	9.2
NNW	1.6	1.3	3.0	1.5	.1	.2						7.7	8.2
VARBL													
CALM												7.4	
	22.2	21.4	31.6	15.7	1.4	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USTAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26107	FORT SMITH NAT GUT APT	57-66	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.3	.9	.2		.1						4.2	5.6
NNE	.9	.6	.1									1.6	3.9
NE	1.1	.3										1.4	3.1
ENE	.1											.1	3.0
E	1.3	.8	.1									2.2	3.7
ESE	.5	1.0	1.8									3.3	6.5
SE	2.5	3.1	3.4	1.2								10.2	6.6
SSE	1.8	3.8	4.6	3.3	.2							13.8	8.0
S	1.0	.9	.8	.4								3.0	6.0
SSW	1.1	.1										1.2	3.0
SW	1.1	1.1										2.2	3.8
WSW	.5	.5	.6	.4								1.9	6.0
W	1.6	.8	1.7	.3								4.4	6.0
WNW	1.3	2.7	4.8	4.2								13.0	8.8
NW	1.8	3.0	7.1	8.6	.4	.1						21.1	9.7
NNW	.8	1.0	2.2	3.0		.2						7.7	9.5
VARBL													
CALM												8.7	
	19.0	21.5	28.2	21.5	.6	.4						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NAT DOT APT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.3	1.3	.1	.1							4.5	5.5
NNE	.9	.8	.1									1.7	3.6
NE	.6	.2										.9	3.3
ENE	.5	.1										.6	3.2
E	1.0	.9	.3									2.2	4.3
ESE	.9	1.6	1.6	.1								4.1	6.2
SE	2.9	3.1	4.2	.6								10.4	6.2
SSE	2.2	3.4	4.6	2.5	.1							12.8	7.5
S	2.4	1.3	.5	1.2	.2							5.6	6.3
SSW	.5	.2	.1									.9	3.9
SW	1.1	1.1	.3									2.5	4.3
WSW	.4	.6	.1									1.1	4.5
W	1.2	1.9	2.2	.3	.1							5.7	6.4
WNW	.5	2.0	4.9	2.3								9.8	8.3
NW	2.0	3.4	6.6	7.2	.8	.2						20.2	9.7
NNW	1.0	2.2	2.8	2.0		.1						8.7	8.0
VARBL													
CALM												8.4	
	19.8	24.2	29.7	16.3	1.3	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NAT OUT APT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.5	1.1	.3								3.2	6.0
NNE	.5	.2	.4									1.2	4.7
NE	1.4	.1	.1									1.6	3.1
ENE	.8	.2	.1									1.1	3.9
E	.4	.8	.1									1.3	4.1
ESE	1.3	1.0	1.1	.4								3.8	5.7
SE	3.5	3.9	5.6	.6								13.7	6.1
SSE	.6	3.5	5.5	2.0								11.7	7.8
S	1.6	1.6	1.3	.5	.3							5.4	6.7
SSW	.6	.2										.9	3.4
SW	.6	.9	.5									2.0	4.9
WSW	.4	1.3	.2									1.9	4.7
W	1.1	2.4	2.6	.3								6.3	6.5
WNW	.8	2.5	1.9	1.6	.2							7.0	7.9
NW	2.5	3.9	9.5	4.9	1.4							22.2	9.1
NNW	1.6	2.8	3.0	1.7		.1						9.2	7.4
VARBL													
CALM												7.5	
	19.1	25.7	33.0	12.6	1.9	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	.6	1.1	.1								3.5	5.3
NNE	.4	.2	.2									.9	4.1
NE	1.3	.5										1.8	3.3
ENE	.9	1.1										1.9	3.5
E	.8	.6	.4									1.8	4.6
ESE	.8	1.3	1.1									3.1	5.3
SE	3.3	5.8	4.4	1.3	.1							14.9	6.1
SSE	.6	4.2	4.8	1.8								11.5	7.7
S	1.4	1.3	.6	.2	.1							3.7	5.5
SSW	.6	.8										1.4	3.7
SW	1.3	1.1	.4									2.8	4.4
WSW	.8	.6	.1	.1								1.6	4.6
W	.5	2.7	1.6	.5	.1							5.7	6.3
WNW	.6	2.0	4.6	2.6	.2	.1						10.2	9.1
NW	2.7	4.7	7.6	3.9	1.5	.3						20.8	9.0
NNW	.9	1.3	3.2	.5	.5	.1						6.6	8.2
VARBL													
CALM												7.7	
	18.8	28.9	30.3	11.1	2.6	.5						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | FEB MONTH

ALL WEATHER CLASS | 0000-0200 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.4	.5	.1								4.3	4.2
NNE	.6	.4										.9	3.4
NE	1.3	.1	.1									1.5	3.5
ENE	.6	.4	.2									1.2	4.4
E	3.4	1.3	.5									5.2	3.8
ESE	1.9	3.0	.9	.1								5.9	4.8
SE	2.6	8.0	5.7	.6								16.9	5.9
SSE	1.3	3.9	4.0	1.8								11.0	7.4
S	1.8	2.1	.2	.2								4.4	4.5
SSW	.8	.6	.2									1.7	4.3
SW	1.5	.7	.4									2.6	4.2
WSW	.2	.2										.5	3.8
W	.'	1.2	.6	.6								3.0	6.8
WNW	.4	.9	3.8	1.3	.1							6.5	8.8
NW	2.0	4.7	8.9	4.4	.4							20.3	8.1
NNW	1.5	1.9	2.6	1.1								7.1	6.8
VARBL													
CALM												7.1	
	22.8	30.9	28.6	10.2	.5							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT DOT APT	57-66	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS) | 0300-0900 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	.7	.1								3.0	5.5
NNE	.5	.4	.1									.9	3.9
NE	.5	.2										.7	3.3
ENE	.7	.2										.9	3.0
E	3.0	1.8		.1								4.8	3.7
ESE	1.2	3.9	1.5									6.6	5.1
SE	3.2	7.3	5.4	1.2								17.1	6.0
SSE	.5	2.8	4.3	1.1								8.6	7.5
S	1.7	2.4	1.7	.4								6.0	5.5
SSW	.0	.6	.1									1.3	4.4
SW	1.1	.1	.4									1.5	4.0
WSW	.1	.2	.4	.4								1.1	7.8
W	1.9	1.4	.8	.4								4.5	5.3
WNW	.9	2.1	2.8	1.3	.1							7.3	7.5
NW	3.4	4.0	9.0	4.5	1.1	.2						22.2	8.6
NNW	1.1	1.3	1.7	.5								4.5	6.5
VARBL													
CALM												8.7	
	21.3	29.9	28.8	9.8	1.2	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.5	.9	.4								4.3	5.8
NNE	.H	.1	.2									1.2	3.9
NE	.7	.1										.8	2.4
ENE	.H	.4	.4									1.5	4.0
E	2.5	1.4	.6									4.5	4.1
ESE	1.8	2.6	1.3									5.7	4.8
SE	2.8	6.0	5.7	.7								15.2	6.2
SSE	.7	3.2	7.0	.5								11.3	7.2
S	1.9	1.1	.9	.1								4.0	5.1
SSW	.7	.2	.1									1.1	3.7
SW	.7	.5	.2									1.4	4.2
WSW	.1	.6	.8	.1								1.7	6.9
W	1.4	.8	.5									2.7	4.0
WNW	1.1	2.0	3.7	1.2	.2							8.2	7.8
NW	3.5	4.7	8.9	4.5	.5							22.1	8.1
NNW	.7	.8	2.4	1.1								5.0	8.0
VARBL													
CALM												9.3	
	21.7	26.1	33.6	8.5	.7							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	1.5	.7	.5	.1							5.6	5.3
NNE	.6	.1										.7	2.7
NE	.4	.4	.1									.8	4.1
ENE			.2									.2	8.5
E	1.4	.9	.8									3.2	4.8
ESE	.7	1.8	1.1	.1								3.7	5.6
SE	2.5	5.7	6.9	1.2								16.2	6.6
SSE	1.1	3.2	4.5	2.8								11.6	8.2
S	1.5	1.7	1.5	.1								4.8	5.2
SSW	.7	.1	.4									1.2	4.7
SW	1.1	.4	.2									1.7	3.9
WSW	.5	.2	.2	.2								1.2	5.8
W	1.7	.4	.7	.1								2.8	5.0
WNW	.9	1.7	4.8	1.2								8.6	8.1
NW	4.0	3.7	8.4	6.3	1.3							23.6	8.7
NNW	.8	1.4	2.4	1.2	.1							5.9	7.7
VARBL													
CALM												8.2	
	20.6	23.0	33.0	13.7	1.5							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.4	1.8	.7	.2							6.0	6.7
NNE	.5	.2	.1	.1								.9	5.0
NE	.5	.2	.1									.8	4.0
ENE	.6	.4	.4									1.3	4.5
E	2.0	.5	1.2									3.7	4.8
ESE	.2	.4	1.3	.5								2.4	7.8
SE	2.4	2.0	4.4	2.0								10.8	7.1
SSE	.9	3.9	6.5	3.9								15.2	8.4
S	1.5	1.4	.6	.5								4.0	5.6
SSW	.6	.2	.2	.1								1.2	5.5
SW	.6	.4	.9									1.9	5.9
WSW	.7	.2	.1	.6								1.7	7.4
W	.8	.5	.7	.2								2.2	6.3
WNW	.9	2.2	4.4	2.2	.5							10.3	8.8
NW	2.7	5.4	8.6	6.3	.9							24.0	8.8
NNW	.5	.8	2.2	1.4	.4							5.3	9.6
VARBL													
CALM												8.3	
	17.4	20.2	33.6	18.6	2.0							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NAT DOT APT (STATION NAME) 57-66 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	2.0	.5								5.8	6.2
NNE	1.4	.7	.2									2.4	3.9
NE	.6	.1										.7	2.7
ENE	.5	1.1	.5									2.0	5.3
E	3.5	1.3	.4									5.2	3.4
ESE	.6	1.9	.7	.1								3.3	5.8
SE	1.9	3.8	4.7	1.5								11.9	7.0
SSE	1.2	3.1	6.3	3.7								14.2	8.5
S	.9	.9	.6	.5								3.0	5.9
SSW	.1	.4	.1									.6	5.0
SW	.8	.5	.5									1.8	4.7
WSW	.2	.1	.1	.2	.1							.8	8.7
W	1.9	1.2	1.3	.4								4.7	5.6
WNW	.6	1.1	2.5	2.2	.1							6.5	9.1
NW	1.2	4.7	9.2	4.5	.6							20.2	8.6
NNW	.6	2.1	3.9	2.4	.2							9.2	8.6
VARBL													
CALM												7.7	
	17.7	24.6	33.0	16.0	1.1							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NAT DAT APT	57-66	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.3	1.4									4.3	4.9
NNE	1.4	.1	.4									1.9	3.9
NE	1.7	1.3										3.0	3.6
ENE	1.4	1.2	.4									3.0	4.2
E	3.0	1.4	.1									4.5	3.2
ESE	1.4	2.0	1.1									4.5	4.9
SE	1.9	5.7	5.9	1.8	.1							15.4	6.8
SSE	.7	3.1	4.8	2.8								11.5	8.2
S	1.2	.9	.8	.6								3.5	6.1
SSW	.4	.1	.6	.1								1.2	6.2
SW	.7		.1									.8	3.4
WSW	.4	.1		.1								.6	5.6
W	1.3	.7	.8									2.8	4.9
WNW	.8	.5	2.2	1.4	.1							5.1	8.7
NW	3.4	3.5	9.0	4.1								20.1	7.8
NNW	.9	3.0	4.4	1.5								9.8	7.4
VARBL													
CALM												7.9	
	22.3	24.9	32.0	12.5	.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT ODT APT (STATION NAME) 57-66 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	1.4	.6	.1								4.3	4.5
NNE	1.2											1.2	2.6
NE	.6	.2	.1									.9	4.1
ENE	1.4	1.2										2.6	3.5
E	1.3	2.6	.5									4.4	4.4
ESE	1.9	2.4	2.0	.1								6.4	5.2
SE	1.8	4.6	6.7	.9								14.1	6.8
SSE	.8	4.0	4.7	2.6								12.2	7.7
S	.9	1.9	1.4	.7								5.0	6.4
SSW	.7	.4	.6									1.7	5.1
SW	.7	.5										1.2	3.2
WSW	.2	.5										.7	3.7
W	.6	1.1	.9	.2								3.1	5.7
WNW	.2	.6	1.9	2.2								5.0	9.7
NW	2.1	3.7	9.0	3.9								18.7	8.2
NNW	.7	3.0	3.0	1.7	.1							10.4	7.9
VARBL													
CALM												8.5	
	17.9	27.9	33.5	12.5	.1							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 946

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FT SMITH MKT OUT APT	57-66	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

0000-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.1	4.3	2.2	.5								11.1	5.1
NNE	1.3	.4	.2	.3								2.3	5.1
NE	2.7	.9	.5									4.1	3.9
ENE	1.0	.4	.4									1.8	4.6
E	3.3	3.1	.8	.1								7.3	4.4
ESE	1.3	2.5	1.4	.2								5.7	5.7
SE	2.8	6.0	6.1	1.5								16.5	6.4
SSE	1.2	1.7	4.2	2.4	.1							9.6	8.3
S	.8	1.0	1.1	.4								3.2	6.7
SSW	.5		.1									.6	4.0
SW	1.0	.4	.4									1.8	4.4
WSW	.3	.3	.1	.1								1.1	5.0
W	.6	.6	1.2	.1								2.6	6.2
WNW	.3	1.3	2.7	1.1	.2							5.6	8.6
NW	1.6	3.3	7.0	1.9	.1							14.0	7.5
NNW	1.7	1.7	1.1	.9								5.4	6.1
VARBL													
CALM												7.4	
	24.5	28.6	29.5	9.6	.4							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ATAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23102	FORT SMITH NAT DOT APT	57-66	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	2.0	1.8	.3								6.9	5.1
NNE	1.3	.6	.4									2.4	4.4
NE	1.8	1.6	.2									3.7	3.9
ENE	1.0	2.0	.4									3.4	4.5
E	2.8	2.2	1.0									5.9	4.5
ESE	1.3	3.0	1.2	.2								5.7	5.5
SE	3.1	6.6	7.3	1.7								18.7	6.7
SSE	1.3	2.5	3.7	1.3	.2							8.9	7.5
S	.4	1.9	.4	.5								3.3	6.1
SSW	.1	.4										.5	4.2
SW	1.0	.1	.3									1.4	4.3
WSW	.1		.4									.5	7.4
W	.6	1.2	1.2									3.0	5.7
WNW	1.1	2.0	3.3	1.3	.4							8.2	8.2
NW	1.7	3.9	6.3	1.6	.1							13.7	7.3
NNW	1.1	1.5	1.0	1.4								4.9	7.7
VARBL													
CALM												8.8	
	21.4	31.6	29.0	8.4	.8							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FT SMITH INT DOT APT	57-66	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	1.2	1.2	.2								4.9	5.0
NNE	1.4	.5	.1									2.0	3.5
NE	1.3	.9	.1									2.3	3.5
ENE	.9	1.7	.4									3.0	4.8
E	3.2	1.8	1.0									6.0	4.2
ESE	1.6	3.7	1.6	.2								7.1	5.4
SE	2.8	5.8	7.5	1.2								17.3	6.6
SSE	1.1	1.5	4.2	2.0								8.8	8.1
S	1.4	1.9	.6	.1								4.1	4.6
SSW	.1	.1										.2	3.5
SW	1.^	.5	.2									1.7	4.2
WSW	.2	.1	.1									.4	4.3
W	1.4	.6	1.4	.2								3.7	6.0
WNW	.4	2.2	2.6	1.3	.2							6.7	8.2
NW	2.0	4.5	7.0	2.6	.1							16.2	7.5
NNW	1.4	1.1	2.2	.9	.3							5.8	7.3
VARBL													
CALM												9.7	
	22.0	28.2	30.2	8.7	.6							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23102	FT SMITH NAT GDT APT	57-66	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.0	1.4	.8								5.9	6.0
NNE	.6	.6	.2									1.5	4.4
NE	.8	.8	.2									1.7	4.1
ENE	.6	.6	.4									1.7	4.8
E	2.4	2.8	1.0									6.1	4.5
ESE	1.5	2.0	1.8									5.4	5.3
SE	1.7	3.7	5.4	2.4								13.1	7.5
SSE	1.4	1.6	6.8	4.1	.3							14.2	9.2
S	.1	1.6	1.1	.3								3.1	6.8
SSW	.4	.2										.6	3.3
SW	.6	.4										1.1	3.7
WSW	.4	.2	.5	.1								1.3	6.4
W	.5	.6	1.3	.5								3.0	7.2
WNW	1.4	1.9	2.4	.6	.2							6.6	7.0
NW	1.9	3.1	6.2	5.7	.8	.1						17.8	9.4
NNW	1.9	1.3	1.9	2.0	.1							6.9	8.2
VARBL													
CALM												9.9	
	18.2	23.2	30.6	16.6	1.4	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT OUT APT (STATION NAME) 57-66 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56		MEAN WIND SPEED
N	2.0	1.6	2.6	1.2								7.4	6.7
NNE	.9	.9	1.4	.1								2.9	6.5
NE	.6	.8	.5									1.9	5.3
ENE	.6	.4	.6									1.7	5.3
E	1.4	1.8	1.1	.1								4.4	5.2
ESE	.9	1.7	1.7	.3								4.6	5.9
SE	1.0	2.2	4.2	2.3	.3							9.9	8.5
SSE	.6	2.6	6.6	6.2	.9							16.9	9.9
S	.9	.4	1.3	.8								3.3	7.7
SSW	.2	.1	.2									.5	5.2
SW	.8	.8	.8									2.3	5.7
WSW	.6		.4	.1								1.2	5.8
W	.5	.4	1.4	.2								2.6	7.5
WNW	.9	1.3	1.8	1.2	.1							5.3	8.0
NW	2.6	3.4	5.1	7.4	1.7	.1						20.3	9.8
NNW	.6	1.6	2.3	2.5	.3							7.3	9.0
VARBL													
CALM												7.4	
	14.4	20.0	31.9	22.4	3.3	.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NAT DOT APT (STATION NAME) 57-66 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1900-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	4.4	3.2	1.5	.1							11.0	6.9
NNE	1.1	1.3	1.4									3.8	5.5
NE	1.1	1.2	.6									2.9	4.8
ENE	.5	.5	.4									1.5	4.6
E	2.3	1.2	1.5									4.9	5.0
ESE	.5	1.3	1.4	.2								3.4	6.4
SE	1.4	2.3	4.3	2.5								10.4	8.1
SSE	.6	3.7	7.0	6.0	1.0							18.3	9.6
S	.4	.9	1.4	.4	.1							3.2	7.3
SSW	.1		.3									.4	6.8
SW	.3	.6	.2									1.2	5.1
WSW	.4	.3	.8									1.5	6.0
W	.5	.3	.9	.2								1.9	6.7
WNW	.5	1.0	1.3	.6	.2							3.7	8.2
NW	1.8	1.8	4.9	7.3	1.3	.1						17.3	10.4
NNW	1.3	2.0	4.0	3.0	.3							10.6	8.5
VARBL													
CALM												3.9	
	14.7	22.8	33.7	21.8	3.4	.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | MAR MONTH

ALL WEATHER CLASS | 1800-2000 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	4.0	2.2	1.0	.1	.1						10.0	6.1
NNE	1.4	.9	1.4	.1								3.8	5.3
NE	2.2	2.2										4.3	3.8
ENE	1.4	.6	.1									2.2	3.6
E	3.2	2.3	.5	.1								6.1	4.2
ESE	2.5	2.2	2.0	.6								7.3	5.8
SE	3.5	4.4	5.4	1.6								14.9	6.4
SSE	.9	2.3	5.1	2.2	.1							10.4	8.5
S	1.1	1.4	1.0	.4								3.9	5.8
SSW	.2	.1										.3	3.7
SW	.5	.5	.1									1.2	4.0
WSW	.3		.2									.5	4.4
W	.4	.5	.4									1.4	5.2
WNW	.1	.6	.9	.6	.1							2.4	9.1
NW	1.4	2.7	6.0	4.1	.2							14.4	8.7
NNW	1.5	2.6	4.7	2.2	.3							11.3	8.0
VARBL													
CALM												5.6	
	23.3	27.2	30.0	12.9	.9	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
FTAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

20102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | MAR MONTH

ALL WEATHER CLASS | 2100-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.4	2.4	3.1	.2	.1							10.2	5.2
NNE	.8	1.1	.5	.5	.1							3.0	7.0
NE	1.3	.6	.8									2.7	5.0
ENE	.9	1.0	.3									2.2	4.3
E	2.4	2.4	1.5									6.2	4.8
ESE	2.4	2.8	1.9	.9								8.0	5.9
SE	3.1	6.1	7.0	1.4								17.6	6.6
SSE	.6	2.0	5.1	2.3	.1							10.1	8.5
S	1.0	.5	1.4	.6								3.5	7.3
SSW	.2	.2	.1									.5	4.8
SW	.2	.6	.5									1.4	5.5
WSW	.3	.2	.1									.6	4.2
W	.1	.4	.2	.1								.9	6.0
WNW	.4	1.2	1.9	1.2	.1							4.8	8.1
NW	.3	2.0	7.8	1.1	.1							11.4	8.3
NNW	1.5	4.1	4.7	.6	.1							11.1	6.8
VARBL													
CALM												5.7	
	19.9	27.7	37.1	8.9	.6							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
FTAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.9	1.1	.4								5.7	5.8
NNE	.3	.9	.4	.1								1.8	5.6
NE	3.0	1.8	.3									5.1	3.8
ENE	1.4	2.6	1.2									5.2	5.2
E	2.1	4.0	1.1	.1								7.3	4.9
ESE	.6	2.4	1.4									4.4	5.7
SE	2.8	6.0	8.3	2.2								19.3	6.9
SSE	.8	2.6	6.6	1.6								11.4	7.7
S	.9	1.1	1.2	.3								3.6	6.3
SSW	.7	.2	.2									1.1	4.3
SW	.2	.7	.6									1.4	6.1
WSW	.4	.2	.3									1.0	5.0
W	.4	.3	.1									.9	3.9
WNW	.7	.6	1.6	.6								3.3	7.6
NW	1.4	3.4	4.4	3.8	.4	.1						13.7	8.7
NNW	1.0	1.8	4.2	1.6	.1	.1						8.8	8.1
VARBL													
CALM												5.9	
	18.0	31.4	33.2	10.7	.6	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.4	2.1	.3								5.0	6.5
NNE	1.2	.8	.7									2.7	4.7
NE	2.3	1.3	.8									4.4	4.3
ENE	.7	1.7	.7									3.0	5.1
E	2.3	2.4	2.2	.1								7.1	5.2
ESE	1.9	2.9	1.4	.2								6.4	5.2
SE	2.3	4.9	7.9	1.8	.1							17.0	7.1
SSE	1.0	3.3	5.9	1.9								12.1	7.8
S	1.3	1.6	1.0	.3								4.2	5.3
SSW	.6	.4	.1									1.1	4.4
SW	.8	.6	.6	.1								2.0	5.3
WSW	.4	.2	.2									.9	5.0
W	.4	.2	.6	.6								1.8	8.1
WNW	.2	.7	1.3	.6	.2							3.0	8.6
NW	2.0	2.9	4.8	3.8	.4							13.9	8.6
NNW	1.2	2.3	4.0	1.1								8.7	7.3
VARBL													
CALM												6.7	
	19.9	27.7	34.2	10.8	.8							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23102	FORT SMITH NAT DOT APT	57-66	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0600-0800 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.0	3.0	.9								6.1	7.4
NNE	1.0	1.6	.8									3.3	5.0
NE	1.7	1.1	.3									3.1	4.1
ENE	1.3	.4	.6	.1								2.4	5.0
E	2.3	2.8	1.6	.1								6.8	5.1
ESE	1.0	2.1	.8									3.9	5.1
SE	2.1	5.8	7.0	2.7								17.6	7.3
SSE	1.8	2.4	8.0	3.1								15.3	8.1
S	.7	.8	1.2	.8								3.4	7.5
SSW	.1	.1										.2	3.5
SW	1.1	.4	.3									1.9	4.1
WSW	.6	.1	.1	.1								.9	5.6
W	.2	.6	.3	1.0	.2							2.3	9.7
WNW	.4	.9	1.0	.6	.3	.1						3.3	9.4
NW	1.3	3.6	5.6	3.8	.3	.2						14.8	9.0
NNW	.9	.8	3.4	1.6	.2							6.9	8.6
VARBL													
CALM												7.7	
	17.8	24.4	34.0	14.7	1.1	.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NKT OUT APT	57-66	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.1	1.9	1.9								7.7	7.4
NNE	.9	1.1	1.6									3.6	5.4
NE	.6	1.2	.7									2.4	5.6
ENE	.4	.3	.6									1.3	5.3
E	1.8	1.1	1.1	.2								4.2	5.4
ESE	1.1	1.1	1.2	.3								3.8	5.9
SE	1.4	1.6	5.7	3.4	.1							12.2	8.7
SSE	1.0	3.7	8.9	6.2	.1							19.9	9.2
S	.8	.8	2.1	1.2	.3							5.2	8.8
SSW	.3			.2								.6	6.8
SW	1.0	.2	.2	.1								1.6	4.7
WSW	.2	.6		.7								1.4	7.9
W	.7	.3	.9	1.1	.1							3.1	9.1
WNW	.8	1.2	1.2	1.8	.2	.1						5.3	9.1
NW	.9	2.2	5.2	4.1	1.2							13.7	9.8
NNW	.4	.5	3.1	3.7	.1	.1						8.2	10.1
VARBL													
CALM												5.8	
	14.1	18.3	34.3	25.0	2.2	.2						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 900

1

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NAT GUT APT	57-66	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1200-1400 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.0	3.0	2.2	.1							8.2	8.3
NNE	.2	1.4	2.3	.6								4.6	7.6
NE	.8	1.3	.9									3.0	5.4
ENE	.4	.2	.8									1.4	6.1
E	1.0	2.3	2.2									5.6	5.9
ESE	.4	.9	.9	.4								3.1	6.3
SE	.4	2.0	4.6	3.7	.4							11.1	9.7
SSE	.3	2.6	5.1	8.0	.7							16.7	10.5
S	.4	.8	1.7	1.4	.7	.1						5.1	10.5
SSW	.1	.3	.2	.1								.8	6.7
SW	1.0	.4	.8	.3								2.6	5.9
WSW	.1	.1	.2	.3	.3							1.1	11.3
W	.6	.6	1.2	.9	.1							3.3	8.4
WNW	.4	2.0	2.7	2.1	.3							7.6	9.3
NW	.4	2.3	3.6	5.0	2.3	.2						13.9	11.3
NNW	.3	.9	2.6	3.8	.4	.1						8.1	10.6
VARBL													
CALM												3.9	
	8.4	20.2	32.7	28.9	5.4	.4						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 900

1

DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23102	FORT SMITH NAT DOT APT	57-66	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	4.8	1.8	.3							10.2	8.2
NNE	.4	1.3	2.0	.4								4.2	7.1
NE	.9	2.1	1.0	.1								4.1	5.5
ENE	1.1	1.1	.8	.1								3.1	5.1
E	.4	1.2	1.7	.2								3.6	6.7
ESE	.4	1.3	1.2	.4								3.4	7.0
SE	1.1	2.3	5.3	3.6	.4							12.8	9.0
SSE	.2	2.7	6.0	5.6	.8							15.2	10.0
S	.6	.4	1.4	1.0	.4							3.9	9.5
SSW		.2	.2	.2								.7	9.8
SW	.2	.2	.3	.6	.1							1.4	10.0
WSW		.3	.6	.3	.1							1.3	9.4
W	.1	.2	.9	1.2								2.4	9.9
WNW	.2	.6	1.6	2.0	.6							4.9	10.9
NW	.7	1.7	4.8	5.8	1.6	.4						14.9	11.1
NNW	.5	1.1	4.4	4.7	.6							11.6	10.3
VARBL													
CALM												2.2	
	8.3	19.1	37.0	28.0	4.9	.4						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NAT ORT APT (STATION NAME) 57-66 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	3.3	3.3	1.2	.2							10.8	7.7
NNE	1.1	1.7	1.3	.1								4.2	5.6
NE	2.6	1.4	.2									4.6	3.6
ENE	2.7	1.0	.3									4.0	3.7
E	3.0	3.3	1.2									7.6	4.5
ESE	.8	2.8	2.9	.3								6.8	6.5
SE	.9	4.2	8.0	1.4	.1							14.7	7.5
SSE	.4	1.2	5.3	1.6	.1							8.7	8.6
S	.3	.9	1.1	.6								2.9	7.6
SSW	.1	.1	.4	.1								.8	7.3
SW	.4	.2	.2	.2								1.1	6.3
WSW		.1	.2									.3	6.7
W	.9	.4	.7	.2								1.8	6.6
WNW	.2	.7	.9	.9	.2							2.9	9.7
NW	1.0	.6	4.3	3.8	1.2	.2						11.1	11.0
NNW	1.1	2.6	6.8	3.7	.3							14.4	8.8
VARBL													
CALM												3.4	
	15.8	24.9	39.3	14.1	2.2	.2						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT OUT APT	57-66	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	3.3	2.4	.3								7.7	5.8
NNE	1.1	1.0	.3	.2								2.7	5.2
NE	1.8	2.0	.6									4.3	4.1
ENE	2.7	1.4	.6									4.7	4.0
E	2.6	4.6	1.0									8.1	4.5
ESE	2.1	3.4	3.4	.1								9.1	5.9
SE	1.0	4.0	7.7	2.8								15.0	7.8
SSE	.6	1.7	4.8	1.8								8.8	8.6
S	.7	.9	1.7									3.2	6.3
SSW	.2	.4										.7	4.2
SW	.6	.4	.2	.1								1.3	4.9
WSW	.2	.2										.4	3.5
W	.1	.2	.2	.1								.7	7.0
WNW	.2	.4	.4	.7	.2							2.0	9.3
NW	.4	2.0	5.4	4.0	.4							12.3	9.7
NNW	.9	3.4	6.2	2.7	.1							13.3	8.4
VARBL													
CALM												5.7	
	16.7	29.6	35.0	12.3	.8							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NAT DOT APT (STATION NAME) 57-66 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	3.1	2.4	1.0								9.1	5.9
NNE	.8	2.7	2.7	.3								6.5	6.6
NE	2.4	1.7	.5	.2								4.8	4.5
ENE	1.0	2.3	1.4	.1								4.7	5.7
E	1.8	3.9	3.5									9.2	5.8
ESE	.8	2.9	3.8	.5								8.0	7.0
SE	1.1	4.3	7.1	1.6								14.1	7.5
SSE	.6	2.7	4.3	.8								8.4	7.3
S	.6	1.8	2.5	.3								5.3	6.7
SSW	.9	1.4	.1									2.4	4.4
SW	.8	1.0	.3									2.0	4.6
WSW	.6	.8	.6	.1								2.2	5.6
W	.2	.5	.1	.1								1.0	5.9
WNW	.1	.4	.8									1.3	7.1
NW	1.9	2.0	4.8	.5								8.7	7.1
NNW	1.4	2.3	2.2	1.1								6.9	6.8
VARBL													
CALM												5.5	
	17.0	33.8	37.1	6.7								100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FT SMITH NAT DOT APT	57-66	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0300-0500 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	2.9	2.4	.6								8.4	5.8
NNE	1.3	2.0	1.3	.4								5.1	5.7
NE	3.0	2.0	1.3	.1								6.5	4.4
ENE	1.5	2.6	1.5	.1								5.7	5.2
E	1.6	3.3	2.5									7.4	5.4
ESE	1.0	2.6	4.7	.4								8.7	6.8
SE	1.6	5.2	4.8	2.0								13.7	7.3
SSE	.9	3.4	5.6	.8								10.6	7.2
S	1.2	1.2	1.8	.5								4.7	6.3
SSW	.6	.6	.3									1.6	4.6
SW	1.7	1.0	.2									2.9	3.8
WSW	.5	1.1	.4									2.0	4.8
W	1.1	.4	.5	.2								2.3	5.4
WNW	.3	.8	.5	.2								2.0	6.4
NW	.8	2.2	3.3	.8								7.0	6.9
NNW	.4	2.5	3.0	.5								6.5	7.3
VARBL													
CALM												4.9	
	20.2	33.8	34.3	6.8								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

72102	FORT SMITH NAT DIT APT	57-66	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.6	3.0	1.3								7.6	7.2
NNE	1.2	1.7	1.5	.5								4.9	6.3
NE	1.4	1.1	1.2	.2								3.9	5.6
ENE	.6	1.5	1.7									3.9	6.0
E	2.5	2.6	3.1	.3								8.5	5.8
ESE	1.6	2.3	4.3	.5								8.7	6.8
SE	1.3	3.5	5.2	2.8	.3							13.1	8.1
SSE	1.0	2.7	5.6	1.6								10.9	7.6
S	1.0	1.2	3.4	.5								6.1	7.4
SSW	.5	.4	.4									1.4	5.1
SW	.6	1.0	.6	.1								2.5	5.2
WSW	.1	.4	.4									1.0	6.4
W	.9	.6	.6	.5								2.7	6.3
WNW	1.1	1.1	1.0	1.4								4.5	7.7
NW	.9	2.3	3.9	1.0	.1							8.1	7.5
NNW	.1	1.4	3.5	1.6								6.7	8.8
VARBL													
CALM												5.6	
	16.6	25.4	39.6	12.5	.4							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NAT DOT APT	57-66	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0900-1100 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.2	5.6	3.2								12.3	8.6
NNE	.4	1.6	2.8	1.0								5.8	7.5
NE	1.5	1.6	2.2	.2								5.5	6.1
ENE	.4	1.5	1.4									3.3	6.3
E	1.3	2.7	3.2	.2								7.4	6.3
ESE	.9	1.0	2.5	1.6								5.9	8.2
SE	.4	1.8	4.3	2.8	.3							9.7	9.4
SSE	.8	1.1	3.9	4.9	.6	.1						11.4	10.4
S	1.0	.8	2.4	2.2	.2							6.5	8.9
SSW	.4	.2	.6	.4								1.7	8.1
SW	.4	.5	.8	.9								2.6	8.2
WSW	.3	.3	.4	.5	.1							1.7	8.9
W	1.1	1.2	.3	.8	.4							3.8	7.5
WNW	.4	.4	2.4	1.1	.4							4.7	10.0
NW	.8	1.5	3.2	3.0	.3							8.8	9.4
NNW	.5	.9	3.7	2.2								7.2	9.2
VARBL													
CALM												1.7	
	11.9	19.2	39.6	24.9	2.5	.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.7	4.9	2.2	.2							10.2	8.4
NNE	1.0	1.5	3.4	1.5								7.4	8.0
NE	.8	1.9	2.4	.1								5.2	6.2
ENE	.6	1.4	1.6	.3								4.0	6.4
E	.5	1.8	2.7	1.0								6.0	7.3
ESE	.2	.9	2.8	1.2	.2							5.3	9.1
SE	.4	1.8	3.2	4.0	1.0							10.4	10.3
SSE	.1	.4	2.8	3.4	.9	.1						7.7	11.5
S	.5	.6	1.8	1.5	.3							4.8	9.7
SSW	.1	.4	.9	.6	.1							2.2	9.5
SW	.1	.4	1.0	.9	.3							2.7	10.6
WSW	.2	.3	.8	1.0	.4	.1						2.8	11.3
W	.6	.9	1.6	1.3	.2							4.6	8.7
WNW		.9	1.7	.8	.3	.2						3.9	10.6
NW	.9	1.2	4.8	4.2	.4							11.5	10.2
NNW	.6	1.3	4.8	3.3	.2							10.3	9.6
VARBL													
CALM												1.0	
	8.0	17.5	41.3	27.2	4.6	.4						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
FTAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NAT DOT APT (STATION NAME) 57-66 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.5	4.9	4.0	.3							12.3	9.2
NNE	1.3	1.6	3.4	1.3								7.6	7.7
NE	1.2	1.4	2.4	.1								5.1	6.2
ENE	1.1	1.4	1.7	.2								4.4	6.4
E	1.0	2.9	2.5	.1								6.5	6.0
ESE	.1	1.4	3.3	1.5	.1							6.5	9.0
SE	.9	1.0	3.5	3.0	.5							8.9	9.9
SSE	.1	.3	2.4	4.0	.3							7.1	11.3
S	.4	.3	2.0	2.2	.3							5.3	10.6
SSW	.1	.1	.5	.5								1.3	10.0
SW	.5	.3	.9	.8	.1							2.6	8.3
WSW	.3	.3	.5	.8	.3							2.3	10.2
W	.2	.5	1.0	1.3	.1							3.1	10.0
WNW	.1	.4	2.0	1.3	.3							4.2	10.7
NW	.9	1.8	3.7	4.9	.3							11.6	10.0
NNW	.4	1.0	3.9	4.5	.3							10.1	10.4
VARBL													
CALM												1.3	
	9.1	17.3	38.7	30.4	3.1							100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT ODT APT (STATION NAME) 57-66 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.7	6.9	2.6	.3							13.9	8.2
NNE	.8	1.8	2.4	.3								5.3	6.9
NE	3.4	2.6	1.5	.2								7.7	4.7
ENE	1.3	2.7	1.8	.1								5.9	5.6
E	2.3	1.7	1.8	.3								6.1	5.5
ESE	.5	1.8	3.6	1.2	.2							7.5	8.3
SE	.5	2.5	3.5	2.5								9.0	8.5
SSE	.5	.9	3.9	2.8								8.1	9.2
S	.5	.8	1.6	1.5								4.4	8.5
SSW	.1	.5	.3	.2								1.2	7.5
SW	.6	.3	1.2	.1	.1							2.4	7.0
WSW	.2	.6	.6	.4								1.9	7.7
W	.3	.4	1.1	1.1								2.9	8.3
WNW		.5	1.0	1.5		.1						3.1	10.3
NW	.4	1.5	2.8	3.1	.2							8.1	9.7
NNW	.5	1.3	5.7	3.3								10.9	9.3
VARBL													
CALM												1.6	
	13.5	22.7	39.9	21.3	.9	.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.2	4.5	.2								8.9	6.4
NNE	.8	1.3	1.3	.5								3.9	6.8
NE	2.6	3.0	1.2	.1								6.9	4.7
ENE	1.4	2.9	1.8	.2								6.3	5.4
E	3.2	3.5	2.0	.1								8.9	4.9
ESE	1.0	2.3	4.0	.9								8.1	7.3
SE	.5	3.9	6.7	1.5	.1							12.7	7.7
SSE	.3	1.9	4.0	1.1								7.3	8.2
S	.9	.9	2.8	.8								5.3	7.6
SSW		1.1	.1	.2								1.4	6.3
SW	1.2	1.1	.4									2.7	4.1
WSW	.2	.4	.8	.2								1.6	7.1
W	.4	1.0	.5									1.9	5.7
WNW	.4	1.0	.5	.1								2.0	5.8
NW	1.5	1.8	3.7	.9								7.8	6.8
NNW	1.4	3.4	4.5	1.0								10.3	7.0
VARBL													
CALM												3.9	
	17.8	31.6	38.8	7.7	.1							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.7	2.0	.2								5.8	5.6
NNE	1.4	2.2	.9	.3								4.9	5.5
NE	2.6	2.4	.7									5.7	4.2
ENE	1.3	1.0	.3									2.7	4.3
E	2.3	3.3	.4									6.1	4.2
ESE	.9	1.3	2.3	.2								4.8	6.7
SE	1.7	4.0	5.0	1.2								11.9	7.0
SSE	1.7	3.3	5.9	.6								11.4	6.8
S	2.2	2.9	2.9	.3								8.3	5.5
SSW	1.1	1.3	.2									2.7	4.1
SW	2.3	1.7	.3									4.3	4.0
WSW	1.3	.7	.8									2.8	4.8
W	1.0	1.0	.8	.1	.1							3.0	5.7
WNW	.1	1.3	1.4	.4	.1							3.4	8.4
NW	.9	2.6	3.8	.4	.1	.1						7.9	7.2
NNW	.4	1.8	2.4	1.0								5.7	7.8
VARBL													
CALM												8.7	
	23.2	32.6	30.2	4.9	.3							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

1

DATA PROCESSING DIVISION
FTAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NAT DOT APT	57-66	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	2.1	.3								5.6	5.9
NNE	2.1	1.7	.6	.3								4.7	4.9
NE	1.6	2.1	1.0									4.7	4.9
ENE	.9	1.0	.8									2.7	4.9
E	3.1	3.2	1.0									7.3	4.3
ESE	1.1	1.9	1.8	.2								5.0	6.0
SE	3.2	4.8	6.4	1.2								15.7	6.6
SSE	1.2	4.9	3.7	1.0								10.8	6.5
S	1.9	2.0	1.6									5.4	5.2
SSW	1.3	1.2	.3									2.9	4.1
SW	1.7	1.4	.4									3.6	4.3
WSW	.8	.3	1.0									2.1	5.4
W	1.2	.8	.6									2.1	4.3
WNW	.4	.7	1.6	.7								3.3	7.5
NW	1.8	1.9	4.1	.9	.3							9.0	7.3
NNW	1.0	1.4	1.9	.6	.2							5.1	7.5
VARBL													
CALM												10.1	
	24.8	30.6	28.8	5.2	.6							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.1	2.1	.6								4.7	6.9
NNE	.8	1.8	1.7	.2								4.4	6.3
NE	1.3	1.2	.3									2.9	4.1
ENE	1.1	1.8	1.2									4.1	5.5
E	1.8	1.2	1.6	.2								4.8	5.5
ESE	.7	1.9	1.3	.0								4.4	6.5
SE	2.8	4.9	5.6	1.6								14.8	6.7
SSE	1.3	3.7	4.9	1.9								11.8	7.3
S	1.1	2.1	2.3	.7								6.2	6.7
SSW	1.0	.2	.4	.1								1.8	5.0
SW	.9	.9	.9	.1								2.8	5.4
WSW	1.0	1.2	.9	.4								3.6	5.8
W	.9	.9	1.2	.6								3.6	6.9
WNW	1.1	1.4	1.8	1.0	.1							5.4	7.7
NW	1.6	3.0	3.1	1.3	.1							9.1	7.2
NNW	.9	1.8	2.8	1.1	.3							6.9	8.1
VARBL													
CALM												8.8	
	19.1	29.1	32.1	10.3	.6							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NAT DOT APT (STATION NAME) 57-66 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.9	2.7	1.4								7.3	7.3
NNE	.3	1.4	2.4	.6								4.8	7.4
NE	1.7	1.7	1.8	.3								5.4	5.8
ENE	.4	.7	1.1	.4								2.7	7.6
E	.6	2.3	2.1	.1								5.1	6.4
ESE	.4	2.0	2.1	1.0								5.6	7.3
SE	.6	1.8	4.0	2.7	.1							9.1	8.9
SSE	.4	1.1	4.3	4.1	.1							10.1	10.0
S	.4	2.1	3.4	2.3	.2							8.6	8.8
SSW	.8	.7	.6	.7								2.7	7.0
SW	1.6	1.0	.8	.7								4.0	5.9
WSW	.6	.3	.7	.6								2.1	7.8
W	1.3	.8	.9	.7								3.7	6.5
WNW	.6	1.3	2.4	1.7	.3		.1					6.4	9.2
NW	1.0	1.9	3.1	3.0	.6							9.6	9.3
NNW	.9	1.6	3.3	3.1	.1							9.0	9.2
VARBL													
CALM												3.9	
	12.9	22.6	35.8	23.3	1.4		.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NAT DOT APT	57-66	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.1	4.2	2.2	.1							9.1	8.8
NNE	.6	1.9	3.0	1.0								6.7	7.7
NE	.7	1.0	1.9	.2								3.8	6.6
ENE	.7	1.0	1.2	.4								3.3	6.9
E	1.3	2.0	2.0	.6								5.9	6.3
ESE	.2	2.1	1.4	.1								3.9	6.4
SE	.7	1.6	2.8	3.3	.2							8.6	9.5
SSE	.2	.7	3.0	5.0	.7	.1						9.7	11.0
S	.9	1.0	2.7	3.0	.2							7.8	9.8
SSW	.1	.9	1.8	.8								3.6	8.5
SW	.8	.9	1.6	1.3	.2							4.8	8.3
WSW	.3	.6	.7	.7								2.2	8.2
W	.9	1.1	1.2	.7	.1							4.0	7.2
WNW	.3	1.1	2.1	1.9	.1	.2						5.8	10.1
NW	.9	1.2	3.4	4.8	1.1	.4						11.9	11.2
NNW	.6	1.7	2.7	2.4	.2							7.6	9.2
VARBL													
CALM												1.6	
	9.8	20.8	35.7	28.4	3.0	.8						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23102	FORT SMITH NAT DOT APT	57-66	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.9	3.4	1.9	.1	.1						9.0	7.9
NNE	.4	2.2	3.4	.7								6.8	7.2
NE	1.3	1.0	1.3									3.7	5.5
ENE	.4	1.2	1.6	.1								3.3	6.5
E	1.6	2.0	1.6	.6								5.7	5.9
ESE	.4	1.9	2.2	.1								4.7	6.6
SE	.2	1.3	3.4	2.7	.2							7.9	9.5
SSE	.8	1.0	3.9	4.0	.7							10.3	10.2
S	.9	.8	3.2	2.9	.2							8.0	9.4
SSW	.2	.3	1.0	.3	.1							2.0	8.5
SW	.6	.7	1.3	.7	.1							3.3	8.1
WSW	.2	.8	1.6	.8								3.3	8.6
W	.3	.7	1.6	.6								3.1	7.8
WNW	.2	.7	2.4	1.7	.3							5.3	9.8
NW	.4	1.8	3.3	4.0	.9	.6						11.0	11.1
NNW	.2	1.9	4.0	3.4	.8							10.3	10.0
VARBL													
CALM												2.2	
	9.9	20.1	39.3	24.3	3.4	.7						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.7	5.3	1.7								9.8	7.9
NNE	.9	2.2	3.3	.7								7.1	7.0
NE	2.4	1.8	1.1									5.3	4.3
ENE	.6	1.8	.8									3.1	5.2
E	2.2	2.7	.8									5.7	4.6
ESE	.9	2.3	1.6	.1								4.9	5.6
SE	1.3	3.3	4.0	1.7	.1							10.4	7.4
SSE	.1	1.6	4.1	2.4								8.2	9.1
S	.6	1.2	3.3	1.8	.1							7.0	8.4
SSW	.6	.9	1.0	.3								2.8	7.0
SW	.3	.9	.4	.3								2.0	6.4
WSW	.4	1.3	1.0	.4	.2							3.4	7.7
W	.7	1.4	1.6	.2								3.9	6.5
WNW	.6	.4	1.3	.9			.1					3.3	9.2
NW	.4	.8	3.8	2.7	.9							8.6	10.6
NNW	.3	1.3	6.3	2.8	.1							10.9	9.4
VARBL													
CALM												3.6	
	13.4	25.7	39.8	16.0	1.4		.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 700

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT DOT APT	57-66	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

2100-2300 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.2	2.1	1.1								7.0	6.6
NNE	1.3	1.8	1.1	.1								4.3	5.1
NE	3.3	1.2	.1									4.7	3.4
ENE	1.1	1.8	1.0									3.9	5.1
E	3.4	2.0	.9									6.3	3.9
ESE	1.8	1.3	1.1	.1								4.3	5.1
SE	1.9	5.6	4.8	1.2								13.4	6.4
SSE	.9	2.1	4.4	.2								7.7	7.0
S	1.1	2.1	3.8	.1								7.1	6.4
SSW	1.4	1.0	1.0	.1								3.6	5.1
SW	1.1	1.4	.3									2.9	4.4
WSW	.9	1.3	.4									2.7	4.7
W	.9	1.0	.7									2.6	5.1
WNW	.2	.6	1.4	.3	.2							2.8	8.8
NW	1.1	2.7	3.7	1.2	.2							8.9	7.6
NNW	.4	2.9	3.8	.8								7.9	7.2
VARBL													
CALM												10.0	
	22.6	31.0	30.7	5.3	.4							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT OCT APT (STATION NAME) 57-66 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.7	1.5	.1								5.4	5.3
NNE	.5	.8	.6									1.9	5.4
NE	1.0	1.9	1.1									4.0	5.1
ENE	1.0	1.4	.4									2.8	4.5
E	1.7	3.4	.8									5.9	4.6
ESE	.9	2.7	.9									4.4	5.0
SE	1.9	3.5	4.1	.4								10.0	6.1
SSE	.1	2.9	5.4	.8								9.1	7.5
S	1.4	2.8	4.7	.3								9.2	6.4
SSW	1.1	1.1	1.2	.1								3.4	5.4
SW	1.2	1.4	.9									3.4	5.1
WSW	.5	1.0	1.0									2.5	5.5
W	1.3	1.1	.9	.1								3.3	5.1
WNW	1.0	1.7	2.6	1.0	.1							6.3	7.4
NW	1.6	3.1	6.0	1.5	.4	.1						13.0	7.7
NNW	1.1	1.8	2.4	.5								5.8	6.6
VARBL													
CALM												9.4	
	17.5	33.3	34.3	4.8	.5	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NAT DOT APT (STATION NAME) 57-66 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.3	.9									4.3	5.0
NNE	.3	.3	.5									1.2	5.5
NE	1.5	.4	.6	.1								2.7	4.6
ENE	1.6	1.1	1.2	.1								4.0	5.0
E	2.8	1.8	1.0									5.6	4.2
ESE	1.4	2.2	1.7									5.3	5.4
SE	1.5	4.3	4.6	.4								10.9	6.1
SSE	1.1	4.3	5.2	.5								11.1	6.8
S	2.0	2.5	2.2	.2								6.9	5.6
SSW	1.3	.6	1.1	.2								3.2	5.5
SW	2.8	1.4	.6									4.8	4.2
WSW	1.3	.6	1.0	.1								3.0	5.2
W	.8	.9	1.4	.1								3.1	6.3
WNW	.4	2.3	2.4	.8	.1							5.9	7.5
NW	1.1	4.4	5.5	1.5	.2							12.7	7.4
NNW	1.2	1.7	2.0	.8	.1							5.8	7.3
VARBL													
CALM												9.6	
	22.3	31.1	31.8	4.8	.4							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

0600-0800 (HOURS (L.S.T.))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.6	1.9	.3								5.5	6.0
NNE	.6	.6	.3									1.6	4.6
NE	1.2	1.1	.5									2.8	4.6
ENE	1.0	1.1	.6									2.7	5.3
E	1.7	2.7	1.1	.1								5.6	5.0
ESE	.4	1.3	1.3	.5								3.5	7.3
SE	1.9	5.7	4.4	.5								12.6	6.2
SSE	1.4	2.2	4.4	1.2								9.1	7.3
S	1.2	3.2	1.5	.5								6.5	5.9
SSW	1.0	1.1	1.1	.3								3.4	6.3
SW	1.1	1.9	1.0	.4								4.4	5.8
WSW	.8	.9	.6	.2								2.5	5.7
W	.8	.8	1.3	.6								3.2	6.6
WNW	1.2	1.4	1.6	1.1	.2							5.5	7.9
NW	2.0	4.6	6.6	2.8	.2							16.2	7.6
NNW	.6	1.7	2.9	.3	.1							5.7	7.4
VARBL													
CALM												9.1	
	18.5	31.8	31.2	8.8	.5							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.4	2.7	.9								6.6	7.2
NNE	.6	.2	1.6									2.4	6.9
NE	1.5	2.2	.9	.1								4.6	4.9
ENE	.5	1.6	.3	.2								2.7	5.5
E	1.0	3.2	1.2	.2								5.6	5.5
ESE	1.0	.5	1.6	.3								3.4	6.7
SE	.8	2.3	4.3	1.3								8.6	7.9
SSE	.5	1.1	3.2	3.4								8.3	9.6
S	.8	1.5	3.4	2.0								7.7	8.3
SSW	.3	.6	1.1	.5								2.6	7.6
SW	.8	2.0	2.2	1.0								5.9	7.4
WSW	.4	1.1	1.4	.6	.1							3.7	8.1
W	.9	2.6	2.3	1.0								6.7	7.0
WNW	.9	1.6	3.3	1.4								7.2	7.8
NW	.9	2.2	5.8	4.6	.4	.2						14.1	9.6
NNW	.5	1.3	2.5	2.3	.2							6.8	9.2
VARBL													
CALM												3.1	
	11.9	26.3	37.7	19.9	.8	.2						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.6	3.0	1.7								6.9	8.2
NNE	.6	1.3	1.5	.9								4.3	7.4
NE	1.4	1.8	1.1	.1								4.4	4.9
ENE	.9	.8	.8	.1								2.5	5.6
E	.5	2.2	2.0									4.7	6.1
ESE	.5	1.2	1.7	.4								3.9	7.0
SE	.4	1.6	3.1	1.7	.1							7.0	8.7
SSE	.3	.3	2.4	3.3	.2							6.6	10.8
S	.9	1.3	3.3	3.4	.3							9.2	9.7
SSW	.2	.6	1.7	.9								3.4	8.8
SW	.4	1.5	2.9	1.2	.1							6.1	8.4
WSW	.5	1.1	1.4	.9		.1						4.0	8.3
W	.1	1.4	2.2	.9	.2							4.7	8.3
WNW	.2	1.2	3.1	1.9	.2							6.7	9.3
NW	.6	1.8	6.5	5.8	.8	.1						15.6	10.3
NNW	.5	1.0	3.8	2.5	.3							8.1	9.9
VARBL													
CALM												1.9	
	8.8	20.6	40.4	25.7	2.3	.2						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.2	3.5	1.2		.1						7.7	7.9
NNE	.9	1.2	2.2	.4								4.6	6.9
NE	1.2	.8	.4	.1								2.5	4.6
ENE	.8	1.5	1.4	.1								3.8	5.7
E	1.6	2.5	1.1	.1								5.3	5.0
ESE	.1	1.4	1.2	.1								2.8	6.7
SE	1.2	2.0	3.0	1.8	.2							8.3	7.8
SSE	.4	1.4	2.9	2.7	.4							7.8	9.9
S	.5	1.1	1.8	1.7	.1							5.3	9.0
SSW	.1	.5	1.4	1.5	.2							3.8	10.0
SW	1.1	1.4	2.5	1.2	.2							6.3	8.1
WSW	.8	1.4	1.2	.8								4.1	7.1
W	.4	1.4	2.4	.6	.1							4.9	7.8
WNW	.3	1.1	2.4	2.9	.2							6.9	10.4
NW	.4	2.4	5.7	4.4	.5							13.4	9.8
NNW	.6	1.0	4.5	3.5								9.7	9.5
VARBL													
CALM												2.8	
	11.2	23.1	37.5	23.2	2.0	.1						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	3.9	4.9	1.2								12.0	6.7
NNE	1.0	1.2	1.1	.1								3.3	5.6
NE	1.9	1.7	.3									4.0	4.1
ENE	.9	.8	.4									2.0	4.5
E	3.1	2.2	.6									5.9	4.0
ESE	.4	2.3	.8	.1								3.5	5.5
SE	1.4	2.9	3.3	.9								8.5	6.5
SSE	1.0	1.9	3.3	1.4	.1							7.7	7.7
S	1.0	2.0	2.9	.9								6.8	7.1
SSW	.6	.9	1.6	.6								3.8	7.5
SW	.6	1.4	1.3	.3								3.7	6.3
WSW	.2	.9	1.0	.4								2.5	7.7
W	.6	1.6	1.9	.3								4.5	6.5
WNW	.3	.9	1.7	1.0								3.9	8.4
NW	1.1	2.6	4.8	3.2	.1							11.8	8.5
NNW	1.0	2.3	4.6	2.2								10.0	8.0
VARBL													
CALM												6.0	
	17.2	29.2	34.7	12.6	.2							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT UOT APT (STATION NAME) 57-66 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	2.8	1.6									7.5	4.7
NNE	1.1	.9	.8									2.7	4.7
NE	2.2	1.5	.3	.1								4.1	4.3
ENE	1.2	.8	.4									2.4	4.5
E	3.3	2.7	.4									6.5	3.8
ESE	.3	2.0	1.2									3.5	5.7
SE	2.2	3.3	3.3	.4								9.2	6.0
SSE	.6	2.9	5.7	.2								9.5	6.9
S	1.3	3.2	5.3	.1								9.9	6.4
SSW	.5	1.1	.3	.4								2.4	6.4
SW	.6	1.0	.6	.3								2.6	6.5
WSW	.4	.1	.4									1.0	5.0
W	1.0	1.4	1.1	.1								3.5	5.4
WNW	.8	1.7	1.3	1.1	.1							4.9	7.6
NW	1.8	3.9	3.8	1.6	.1							11.2	7.2
NNW	1.6	3.0	3.3	.1								8.1	6.1
VARBL													
CALM												11.1	
	22.0	32.3	29.9	4.5	.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | AUG MONTH

ALL WEATHER CLASS | 0000-0200 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	1.0	1.4	.4								5.2	5.4
NNE	.9	.5	.8									2.2	5.2
NE	1.7	1.6	.2									3.5	4.0
ENE	.5	1.1	1.0									2.6	5.9
E	3.2	2.6	1.1	.1								7.0	4.5
ESE	.8	1.0	1.2	.2								3.1	6.1
SE	1.3	3.7	3.5	1.0								9.5	6.8
SSE	1.2	4.2	7.4	.9								13.7	7.2
S	2.0	4.4	3.3	.2								10.0	5.7
SSW	1.1	1.3	1.2									3.5	5.2
SW	1.8	2.3	.5									4.6	4.5
WSW	1.1	1.5	1.6									4.2	5.5
W	1.1	1.7	.2									3.0	4.3
WNW	.3	1.9	1.9	.8								4.9	7.4
NW	1.1	2.6	3.4	.8								7.8	6.9
NNW	.4	1.5	1.9	.2								4.1	6.8
VARBL													
CALM												11.1	
	20.9	32.8	30.8	4.5								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT UDT APT	57-66	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.7	.6	.1								3.7	5.0
NNE	.3	.6	.1									1.1	4.7
NE	1.1	.9	.4	.1								2.5	4.7
ENE	1.6	1.3	.5									3.4	4.3
E	1.5	3.0	.8									5.3	4.6
ESE	1.3	2.6	1.7	.2								5.8	5.5
SE	1.3	4.7	4.5	.9								11.4	6.4
SSE	1.7	5.5	5.2	.8								13.1	6.4
S	3.0	3.9	2.2	.2								9.2	5.0
SSW	.9	.4	.2									1.5	3.9
SW	3.1	1.2	.6									4.9	3.9
WSW	1.9	1.3	1.0									4.2	4.5
W	2.3	.9	.9									4.0	4.2
WNW	.4	1.3	2.7	1.2								5.6	8.4
NW	1.5	2.8	3.2	.3								7.8	6.3
NNW	.4	1.1	2.7	.4	.1							4.7	7.8
VARBL													
CALM												11.7	
	23.5	33.1	27.3	4.2	.1							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH MAP OUT APT	57-66	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0600-0900 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	.9	1.6	.4								4.8	6.0
NNE	.5	.5	.1	.1								1.3	5.0
NE	.9	1.1	.4									2.4	4.5
ENE	.8	1.0	1.3	.1								3.1	6.2
E	2.5	2.0	1.1	.1								5.7	4.4
ESE	1.1	1.3	1.9	.3								4.6	6.5
SE	1.6	5.4	3.8	.6								11.4	6.1
SSE	2.4	3.8	6.2	1.2								13.5	6.7
S	2.8	2.7	2.4	.6								8.5	5.7
SSW	1.4	.8	.4									2.6	4.0
SW	2.3	1.5	1.0									4.7	4.4
WSW	.9	.6	1.5									3.0	5.9
W	1.5	.5	1.1	.2								3.3	5.5
WNW	.6	1.2	2.0	1.0								4.8	8.2
NW	1.5	3.5	3.5	.8	.3							9.7	6.8
NNW	1.1	1.8	2.6	.6								6.1	6.7
VARBL													
CALM												10.3	
	23.7	28.6	31.0	6.1	.3							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

1

AD-A100 249 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FT SMITH, NORTHWEST TERRITORIES, CANADA, REVISED UNIFORM SUMMAR--ETC(U)
JAN 72

UNCLASSIFIED USAFETAC/DS-81/044 SBIE-AD-E850 072 NL

2 OF 5
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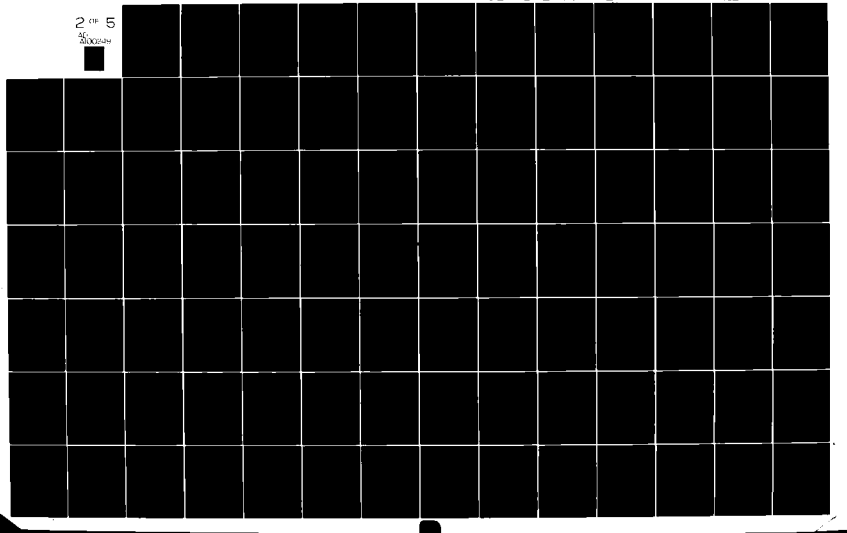

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.7	2.0	1.2	.3							6.6	7.7
NNE	.2	1.2	.4	.2								2.0	6.6
NE	1.0	1.2	1.7									3.9	5.8
ENE	.6	.9	.9	.1								2.5	5.5
E	1.6	2.3	1.4									5.3	5.0
ESE	.5	1.1	1.7									3.3	6.6
SE	1.5	2.6	3.4	2.3	.1							9.9	7.7
SSE	1.0	2.6	4.8	2.2								10.5	8.1
S	1.4	2.5	4.1	1.2	.1							9.2	7.6
SSW	.6	1.0	.6	.2								2.5	6.0
SW	1.0	1.6	.9	.2								3.7	5.2
WSW	.9	1.0	1.6	.4								3.9	6.9
W	1.5	1.6	2.7	1.2								7.0	7.0
WNW	.6	2.2	3.2	2.0								8.1	8.4
NW	2.0	2.4	2.9	1.9	.9							10.1	8.3
NNW	.9	1.4	2.8	1.8								6.9	8.0
VARBL													
CALM												4.7	
	16.7	27.0	35.3	14.9	1.4							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

1

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | AUG MONTH

ALL WEATHER CLASS | 1200-1400 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	2.5	1.8								6.5	8.3
NNE	.4	1.2	2.0	.1								3.8	6.9
NE	1.1	1.4	1.0	.2								3.7	5.4
ENE	.6	1.3	.5	.1								2.6	5.3
E	1.9	2.0	1.8									5.8	5.3
ESE	.3	1.6	1.6	.5								4.1	7.1
SE	1.5	1.4	3.4	1.7	.1							8.2	7.9
SSE	.8	.9	3.4	2.3								7.3	9.1
S	.4	1.2	3.3	3.1	.1	.1						8.3	10.0
SSW		.4	1.7	.9								3.0	9.4
SW	.8	1.1	1.9	1.0								4.7	7.5
WSW	.8	.8	1.5	.4								3.4	7.3
W	.9	1.3	3.4	1.7	.1	.1						7.5	8.7
WNW	.3	1.7	4.3	2.5	.4	.1						9.4	9.5
NW	1.2	2.4	5.4	2.9	.9							12.9	8.9
NNW	.4	.6	2.5	2.4	.2							6.1	9.9
VARBL													
CALM												3.0	
	12.5	20.3	40.4	21.6	1.8	.3						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NAT DOT APT	57-66	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	3.7	2.3	.2							9.5	8.5
NNE	.8	1.3	1.1	.2								3.3	6.2
NE	1.1	1.1	1.2	.1								3.4	5.7
ENE	.8	1.6	.5	.1								3.0	5.3
E	1.3	1.0	1.1	.1								3.4	5.3
ESE	.6	1.0	2.0	.3								4.1	7.1
SE	1.6	2.0	3.3	1.3	.2	.1						8.6	7.6
SSE	.2	.9	4.7	1.6								7.4	9.1
S	1.4	1.1	3.2	3.0	.3	.1						9.1	9.2
SSW	.6	.8	2.0	.4	.2							4.1	8.1
SW	.9	.9	1.7	.3	.1							3.9	7.2
WSW	.4	.4	2.0	.3	.1							3.3	8.2
W	.9	.8	1.5	1.2								4.3	8.3
WNW	.8	1.5	3.2	2.3	.4							8.2	9.2
NW	.9	1.6	5.5	4.0	1.0							12.9	10.0
NNW	.8	1.2	3.4	2.4	.3							8.1	9.2
VARBL													
CALM												3.3	
	14.1	19.2	40.3	19.9	2.9	.2						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	3.7	3.2	.9	.1							10.2	6.4
NNE	1.1	1.1	.8	.4								3.3	5.6
NE	1.2	1.3	.8				.1					3.3	5.5
ENE	1.0	1.5	.3									2.8	4.5
E	2.0	1.6	.6									4.3	4.0
ESE	1.2	1.9	1.2									4.3	5.2
SE	1.6	4.0	2.9	1.4	.1							10.0	6.9
SSE	1.0	2.9	3.2	.4								9.5	7.1
S	1.9	3.4	3.1	.9	.1							9.5	6.3
SSW	.1	1.1	.8	.3								2.3	7.2
SW	.9	1.6	.9									3.3	5.4
WSW	1.0	.8	.4									2.2	4.7
W	.3	.6	1.0	.1								2.0	6.4
WNW	1.0	1.2	1.9	.8								4.8	7.2
NW	1.8	2.5	3.5	1.9	.4							10.2	7.9
NNW	1.0	4.0	4.2	1.6								10.8	7.4
VARBL													
CALM												7.2	
	19.4	33.1	30.8	8.7	.8		.1					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
FTAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 STATION | FORT SMITH NAT DOT APT STATION NAME | 57-66 YEARS | AUG MONTH

ALL WEATHER CLASS | 2100-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	2.4	1.7	.6	.1							7.3	5.8
NNE	.6	.8	.6	.1								2.2	5.7
NE	1.8	.8	.2									2.8	3.5
ENE	1.2	1.2	.6									3.0	4.6
E	1.6	2.4	1.0									4.9	4.5
ESE	.9	1.9	.8	.1								3.7	5.3
SE	2.0	3.3	4.9	1.1								11.4	6.6
SSE	.5	3.7	9.1	.6	.2							14.2	7.5
S	1.2	3.5	4.4	.1								9.2	6.3
SSW	.3	1.0	1.0									2.3	6.0
SW	1.5	1.3	.2									3.0	4.1
WSW	.2	.8	.8	.1								1.8	6.4
W	1.3	.8	1.1	.2								3.3	5.5
WNW	.5	1.0	2.0	1.0								4.5	8.0
NW	1.3	3.7	3.8	1.3								10.0	7.1
NNW	1.0	1.9	1.9	.2	.1							5.2	6.3
VARBL													
CALM												11.2	
	18.5	30.2	34.2	5.5	.4							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2612	FORT SMITH NWT DOT APT	57-66	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.6	1.6	.4	.1							4.3	7.0
NNE	1.3	1.2	.8									3.3	4.6
NE	.8	1.6	.3									2.7	4.4
ENE	.7	.9	1.2									2.8	5.8
E	2.2	1.7	.8									4.7	4.4
ESE	1.0	2.2	1.4									4.7	5.4
SE	2.1	3.9	4.6	.6								11.1	6.3
SSE	1.2	2.9	6.3	2.4								12.9	7.9
S	2.6	1.7	3.6	.7								8.4	6.4
SSW	.7	.4	.2									1.3	4.3
SW	1.2	1.6	.6									3.3	4.8
WSW	1.1	1.2	1.2	.4								4.0	6.4
W	1.2	2.1	1.3	.1								4.8	5.4
WNW	.2	1.4	2.3	1.7								5.7	8.6
NW	1.2	2.6	4.7	1.3	.4	.1						10.3	8.0
NNW	1.2	1.8	2.3	.7								6.0	6.8
VARBL													
CALM												9.7	
	19.4	28.7	33.2	8.3	.6	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

1

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT DOT APT	57-66	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0300-0500 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.2	1.1	.6								3.8	6.8
NNE	.3	.8	.7	.1								1.9	6.3
NE	1.0	2.8	.7	.1								4.6	5.1
ENE	.3	.6	1.1									2.0	6.7
E	1.3	.9	.4									2.7	4.4
ESE	1.8	2.2	2.0	.3								6.3	5.8
SE	1.8	3.4	4.6	1.0								10.8	6.6
SSE	.9	2.6	7.6	1.9								12.9	8.0
S	2.0	2.4	2.9	.9								8.2	6.5
SSW	1.2	.6	.2									2.0	3.9
SW	1.8	2.4	1.0	.1								5.3	4.9
WSW	1.4	.7	1.2	.6								3.9	6.3
W	.8	1.1	1.8	.1								3.8	6.2
WNW	.4	2.6	3.7	1.6								8.2	7.9
NW	.8	2.1	4.8	1.0	.6	.1						9.3	8.3
NNW	.9	1.0	2.0	1.8								5.7	8.7
VARBL													
CALM												8.7	
	17.7	27.2	35.7	10.0	.6	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

1

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NAT DOT APT (STATION NAME) 57-66 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.6	1.8	.8								4.9	7.2
NNE	.4	.6	.6	.4								2.0	7.7
NE	.9	.9	1.0	.2								3.0	5.9
ENE	.4	1.7	.8									2.9	5.4
E	1.0	1.2	.9	.1								3.2	5.3
ESE	1.1	1.4	1.8	.4								4.8	6.3
SE	1.8	3.2	5.4	1.2								11.7	7.3
SSE	1.4	2.2	7.1	3.0								13.8	8.1
S	2.6	1.6	2.6	.9								7.6	6.2
SSW	.9	.8	.3									2.0	4.4
SW	2.1	1.3	.9	.1								4.4	4.7
WSW	.6	1.3	1.7	.9								4.4	7.5
W	.9	1.7	1.3	.1								4.0	5.8
WNW	.4	1.9	2.6	1.7								6.6	8.4
NW	1.0	2.3	5.3	1.8	.6							11.0	8.4
NNW	.7	.8	1.9	1.0								4.3	8.1
VARBL													
CALM												9.4	
	17.0	24.4	35.9	12.7	.6							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH INT UDT APT (STATION NAME) 57-66 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	2.1	1.9	.3							6.2	8.9
NNE	.7	1.1	1.4	.7								3.9	7.2
NE	.6	.9	.7	.1								2.2	5.8
ENE	.7	.7	1.0	.1								2.4	6.0
E	.2	.3	.9									1.4	6.8
ESE	.3	1.0	2.1	.2								3.7	7.5
SE	1.4	1.2	4.2	2.4								9.3	8.5
SSE	1.1	2.3	5.2	5.6	.1							14.3	9.3
S	.9	1.4	3.4	2.3	.2							8.3	9.1
SSW	.6	.4	1.0	.3								2.3	7.0
SW	.3	1.2	.7	.4								2.7	7.1
WSW	.3	1.0	.6									1.9	5.8
W	.8	2.3	2.9	1.2								7.2	7.6
WNW	.3	2.4	5.1	2.7	.8							11.3	9.4
NW	.7	2.4	4.4	2.0	.9	.1						10.6	9.3
NNW	1.1	.8	1.7	1.9	.1							5.6	9.0
VARBL													
CALM												6.6	
	10.6	21.0	37.4	21.9	2.4	.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23102	FORT SMITH NAT GUT APT	57-66	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.6	3.1	2.4	.1							8.2	8.5
NNE	.3	.7	1.1	.8								2.9	7.9
NE	.8	.2	.4	.3								1.8	6.3
ENE	.2	.6	.9									1.7	6.5
E	1.1	.9	.9									2.9	5.0
ESE	.3	1.0	1.4	.6								3.3	7.3
SE	1.3	.9	4.4	2.4	.2							9.3	9.1
SSE	.3	.9	3.4	5.0	.8							10.4	11.2
S	.2	.9	2.1	3.2	.2							6.7	10.4
SSW	.1	.4	1.1	1.2	.1							3.0	10.3
SW	.3	1.2	1.8	.7	.2							4.2	8.4
WSW	.3	.8	1.9	.4	.1							3.6	7.8
W	.7	2.1	3.1	1.8	.1	.1						7.9	8.7
WNW	.4	1.8	4.3	3.8	1.3	.1						11.8	10.8
NW	.7	2.7	5.4	3.6	.3	.1						12.8	9.1
NNW	.4	1.1	2.7	2.7	.1	.2						7.2	10.0
VARBL													
CALM												2.3	
	8.7	17.7	38.2	28.9	3.7	.6						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26132	FORT SMITH NWT DOT APT	57-66	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.9	4.1	2.0								9.1	8.1
NNE	.8	.6	1.2	1.2								3.8	8.0
NE	.9	.4	.6	.6								2.4	6.5
ENE	.3	.9	.8									2.0	5.7
E	.9	.8	.6	.1								2.3	5.1
ESE	.6	1.0	1.3	.3								3.2	7.1
SE	.9	1.3	4.0	2.3	.2							8.9	9.1
SSE	.3	.6	3.3	4.8	.4							9.4	11.1
S	.3	.4	2.7	1.9	.4							5.8	10.4
SSW		.2	1.3	.7	.1							2.3	9.9
SW	.7	1.0	1.3	1.2	.2							4.4	8.8
WSW	.4	.8	1.2	.4								2.9	7.2
W	1.3	2.2	2.1	.8	.1	.1						6.7	7.2
WNW	.4	1.2	3.2	2.9	.9							8.7	10.2
NW	.8	1.7	6.0	5.8	.8	.1						15.1	10.3
NNW	.8	1.7	4.2	2.7	.1	.1						9.6	9.1
VARBL													
CALM												3.4	
	10.6	16.7	38.0	27.7	3.3	.3						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

20102	FT SMITH MET DOT APT	57-66	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.6	2.0	1.3								7.8	6.3
NNE	1.2	1.2	1.3	.2								4.0	5.9
NE	2.1	1.7	.3	.1								4.2	4.2
ENE	.7	.8	.1									1.6	4.4
E	1.2	1.2	.6									3.0	4.3
ESE	1.4	2.8	1.6	.1								5.9	5.4
SE	1.6	3.7	5.6	1.3								12.1	7.2
SSE	.3	1.1	5.7	2.1	.2							9.4	9.1
S	.8	1.3	3.3	.6								6.0	7.2
SSW	.2	.7	.4	.1								1.4	6.2
SW	.9	.9	.6	.1								2.4	5.0
WSW	.7	1.0	.7	.6								2.9	6.8
W	.7	1.0	1.0	.3								3.0	6.3
WNW	.7	1.2	1.4	1.0	.4	.1						4.9	8.9
NW	1.4	3.2	5.1	2.3	.4							12.4	8.4
NNW	.9	2.7	3.9	1.9	.2							9.6	7.9
VARBL													
CALM												9.2	
	16.7	27.0	33.6	12.1	1.3	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH RGNL AIRPORT (STATION NAME) 57-66 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.0	2.1	.4								4.7	6.9
NNE	.8	1.1	1.0									2.9	5.3
NE	1.1	1.8	.4									3.3	4.6
ENE	.7	1.2	.7									2.6	5.0
E	1.0	1.6	.1									2.7	3.8
ESE	1.1	3.2	1.0	.2								5.6	5.4
SE	1.6	4.0	6.8	.9								13.2	7.1
SSE	1.1	2.3	8.1	1.7	.1							13.3	8.1
S	1.2	1.4	3.7	.7								7.0	7.2
SSW	.3	1.3	.7									2.3	5.8
SW	.7	.6	1.1	.1								2.4	5.8
WSW	.1	.9	.8	.1								1.9	6.4
W	1.4	1.1	.7	.1								3.3	4.8
WNW	.8	1.1	1.2	.9	.2							4.2	8.1
NW	.9	2.7	6.2	2.0	.6							12.3	8.4
NNW	1.8	3.2	3.0	1.1								9.1	6.8
VARBL													
CALM												9.1	
	15.7	28.6	37.6	8.2	.9							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.6	2.3	.8								7.1	6.5
NNE	.9	.3	1.1	.3								2.6	7.0
NE	1.0	.8	.4									2.2	4.3
ENE	.5	.3	.4									1.3	4.8
E	.5	.9	.8	.1								2.3	5.7
ESE	.5	1.1	1.8	.4	.1							4.0	7.3
SE	1.5	3.5	5.4	1.9	.1							12.5	7.5
SSE	2.2	3.3	7.7	3.9	.1							17.2	8.2
S	1.8	2.3	1.9	1.2								7.2	6.7
SSW	.9	.5	.4	.2								2.0	5.7
SW	.5	1.3	1.2	.2								3.2	6.1
WSW	1.0	1.1	2.7	.2								4.9	6.7
W	1.4	1.4	2.3	.4	.1							5.6	6.8
WNW	.3	1.2	2.9	2.4	.5	.1						7.4	10.1
NW	1.7	1.7	2.8	1.6								7.8	7.5
NNW	.4	1.5	2.3	.2								4.4	7.0
VARBL													
CALM												8.3	
	16.7	23.8	36.3	13.9	1.0	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) LCT (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.8	1.4	.4	.1							4.8	6.7
NNE	1.1	.4	.5	.6								2.7	7.1
NE	1.3	.6	.1									2.0	3.8
ENE	.9	.4	.2									1.5	3.8
E	1.4	1.4	.9	.1								3.8	4.9
ESE	.6	.9	1.6	.9								4.0	7.5
SE	1.1	3.1	4.6	1.9								10.8	7.6
SSE	1.6	4.8	7.0	3.5	.3							17.3	8.2
S	1.8	1.3	2.9	1.3	.2							7.5	7.4
SSW	1.4	.6	.5	.1								2.7	4.8
SW	.4	2.8	.8	.2								4.2	5.5
WSW	1.0	2.0	1.8	.3								5.2	6.2
W	.6	1.4	1.4	1.1	.1	.1	.1					4.8	8.8
WNW	.2	.5	2.8	1.4	.3	.1						5.4	10.4
NW	1.4	1.7	2.3	1.8	.1	.2						7.5	8.3
NNW	.6	1.9	1.9	.5								5.2	6.8
VARBL													
CALM												10.6	
	16.7	25.9	30.8	14.3	1.2	.4	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	1.6	.3								3.9	6.6
NNE	.3	.5	1.1	.2	.1	.1						2.4	8.5
NE	1.7	.8	.3									2.8	3.7
ENE	1.0	.6	.8									2.4	5.4
E	1.5	1.7	.9									4.1	4.8
ESE	.4	.8	1.5	.6								3.3	7.8
SE	1.7	3.8	6.0	2.0								13.5	7.4
SSE	1.0	4.3	6.7	4.4								16.3	8.3
S	2.2	3.1	2.2	1.3								8.7	6.4
SSW	.9	.3	.9	.1								2.2	5.7
SW	1.9	1.5	.6									4.1	4.4
WSW	.6	2.3	1.6	.2								4.7	6.2
W	1.4	1.3	1.8	1.2	.5							6.2	8.4
WNW	.5	.6	2.6	1.9								5.7	9.3
NW	.9	1.8	1.9	1.2	.1							5.9	7.8
NNW	.6	1.0	2.6	1.2	.1							5.5	8.3
VARBL													
CALM												8.3	
	17.3	25.7	33.0	14.7	.9	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT DOT APT	57-66	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0900-1100 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.9	1.9	1.4								5.1	7.8
NNE		1.0	.5	.3	.3							2.2	9.0
NE	.5	.6	.3									1.5	4.8
ENE	.6	1.2	.2									2.0	4.4
E	1.3	1.2	2.0	.3								4.8	6.3
ESE	.6	1.5	1.6	.5								4.3	7.0
SE	1.1	2.8	2.6	2.6								9.0	7.8
SSE	2.3	2.9	5.9	4.6	.1							15.8	8.3
S	2.0	2.3	4.9	1.9	.2							11.4	7.8
SSW	.3	.4	.9			.1						1.7	6.9
SW	1.4	2.6	.6	.4	.1							5.2	5.5
WSW	.9	.6	1.2	.4								3.1	6.4
W	1.5	1.3	2.3	1.2	.2							6.5	7.9
WNW	.4	1.1	3.1	3.9	.3	.4						9.2	10.9
NW	.9	1.5	2.2	1.3	.5	.3						6.7	9.3
NNW	.8	.5	1.7	1.4	.1							4.5	8.5
VARBL													
CALM												7.0	
	15.5	22.4	32.0	20.3	1.9	.9						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.7	1.4	1.5								5.5	7.8
NNE	.8	.8	1.0	1.0	.1							3.5	8.5
NE	.9	.8	.4									2.0	4.4
ENE		.5	.3									.9	5.8
E	1.7	1.5	1.2	.1								4.5	5.3
ESE	.3	1.0	1.6	.9								3.8	8.0
SE	.9	.9	4.7	2.0								8.5	8.8
SSE	1.1	1.9	5.9	4.7	.6							14.3	9.6
S	.9	1.7	4.8	3.1								10.5	8.8
SSW	.4	.8	.9	.1	.1							2.3	7.1
SW	.9	2.2	1.3	.3								4.6	6.1
WSW	.1	1.1	.3	.4								1.9	7.1
W	1.0	1.6	2.9	2.2	.3							8.0	8.8
WNW	.6	1.6	4.2	4.0	1.4	.2						12.0	10.9
NW	.4	1.3	3.7	2.5	.8							8.6	10.2
NNW	.2	.4	1.4	1.8	.2	.1						4.2	10.6
VARBL													
CALM												4.8	
	11.0	19.7	36.0	24.6	3.5	.3						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT DOT APT	57-66	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.3	1.8	1.7								5.7	8.1
NNE	.8	.2	1.1	.6								2.7	7.6
NE	1.0	.9	.3									2.2	4.3
ENE	.5	.9	.4									1.8	5.4
E	2.0	1.6	.5	.2								4.4	4.8
ESE	.4	1.2	2.4	.5								4.5	7.8
SE	1.1	1.8	4.4	1.5								8.8	7.8
SSE	.6	1.8	7.2	4.8	.2							14.7	9.7
S	1.5	1.6	4.7	1.6								9.5	7.7
SSW	.4	.5	2.0	.2								3.2	7.2
SW	.5	1.2	1.0	.1								2.8	5.8
WSW	.2	.3	.9	.3								1.7	7.8
W	.9	1.6	3.1	2.3	.1	.2						8.2	9.3
WNW	.6	.9	3.9	4.5	.6	.1	.1					10.8	10.9
NW	1.4	1.9	4.0	1.8	1.0							10.1	8.9
NNW	.2	1.0	1.8	1.0								4.0	8.5
VARBL													
CALM												4.9	
	13.1	18.7	39.6	21.3	1.9	.3	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT OOT APT (STATION NAME) 57-66 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.6	1.5	.6								5.3	6.3
NNE	1.1	.4	1.0	.4								2.9	6.4
NE	1.6	.8	.6									3.0	4.3
ENE	.5	.8	.3	.1								1.7	5.4
E	1.4	1.3	1.2	.3								4.2	5.5
ESE	.3	1.4	2.5	.6								4.8	7.4
SE	1.5	2.0	5.3	1.2								10.0	7.4
SSE	.4	2.4	9.4	4.3	.2							16.7	9.4
S	1.1	2.3	3.5	1.0	.1							8.0	7.4
SSW	.4	.5	1.2	.2								2.4	7.0
SW	1.1	.9	.4	.1								2.5	5.1
WSW	.4	.6	1.5	.2								2.8	6.6
W	1.7	2.3	1.5	1.0	.3							6.8	6.8
WNW	.5	.9	2.5	3.0	.6							7.5	10.5
NW	1.6	2.6	3.3	2.0	.1	.2						9.9	8.2
NNW	.8	2.2	1.3	1.5								5.7	7.8
VARBL													
CALM												5.9	
	16.0	22.8	37.0	16.7	1.4	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NWT DOT APT	57-66	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.7	1.9	.8	.1							6.1	6.9
NNE	.5	.4	.2	.3	.1							1.6	7.1
NE	1.8	.9	.5	.1								3.3	4.5
ENE	.3	.2	.4	.1								1.1	6.7
E	1.2	1.1	1.0	.2								3.4	5.5
ESE	.4	1.7	1.9	.6								4.7	7.2
SE	1.0	3.1	4.7	1.3								10.1	7.5
SSE	.9	3.4	8.9	3.7	.2							17.1	8.7
S	2.7	3.1	3.1	.6	.1							9.7	6.1
SSW	.5	.3	.9									1.7	5.8
SW	1.0	1.2	1.2	.5								4.5	5.9
WSW	.6	1.2	1.7	.1								3.7	6.5
W	.6	1.5	.9	.9	.2							4.1	7.3
WNW	.4	1.5	3.2	2.4	.2	.1						7.8	9.4
NW	.5	2.3	3.1	2.0	.1							8.1	8.4
NNW	.4	3.1	1.9	1.1	.1							7.0	7.1
VARBL													
CALM												5.9	
	15.0	26.8	35.7	14.7	1.2	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FLINT SMITH NWT UOT APT (STATION NAME) 57-66 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.1	1.3	.3								5.1	5.8
NNE	.6	.3	.1									1.0	3.9
NE	1.1		.4		.1							1.7	5.3
ENE	.7	.8	.4	.1								2.0	5.9
E	3.1	1.9	1.0	.3								6.3	4.7
ESE	.8	1.4	1.8	.1								4.1	6.2
SE	2.0	3.9	3.4	2.9	.2							12.4	7.5
SSE	.8	2.0	6.1	2.3	.1							11.3	8.4
S	2.0	2.6	1.6	.4								6.6	5.3
SSW	.8	.3	.4									1.6	4.6
SW	2.3	1.8	.7									4.8	4.2
WSW	.6	1.3	.8	.2								2.9	6.1
W	.9	1.7	2.7	1.4								6.7	7.8
WNW	.8	2.1	4.0	2.0	.1							9.0	8.5
NW	.9	2.4	4.7	1.9	.3	.1						10.3	8.5
NNW	.6	1.3	2.0	.8								4.7	7.5
VARBL													
CALM												9.6	
	19.1	26.0	31.4	12.9	.9	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

26102	FT SMITH NAT DOT APT	57-66	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.9	.8	.9								3.7	6.9
NNE	.9	.2										1.1	3.3
NE	1.9	.7	.6									3.1	4.0
ENE	1.1	.6	.8	.1								2.6	5.1
E	2.0	1.1	.9	.3								4.3	4.9
ESE	.9	1.4	1.7	.2								4.2	6.4
SE	2.3	4.3	4.7	1.9	.1							13.3	7.1
SSE	.8	2.8	5.6	1.9								11.0	8.1
S	1.7	2.9	1.9	.4								6.9	5.9
SSW	1.0	.3	.3									1.7	4.1
SW	1.7	.7	.3	.1								2.8	4.3
WSW	1.3	2.4	1.6									5.3	5.5
W	.4	1.3	2.1	1.3								5.2	8.3
WNW	.4	.9	3.3	2.2	.2							7.1	9.6
NW	1.1	2.8	4.0	2.4	.1							10.4	8.3
NNW	.8	1.2	2.3	1.4								5.8	8.1
VARBL													
CALM												11.4	
	19.4	24.6	30.8	13.3	.4							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NAT UDT APT (STATION NAME) 57-66 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	1.6	1.3	.9	.1							6.0	6.1
NNE	.3	.4	.2	.2								1.2	6.2
NE	1.9	.7	.2	.1								2.9	3.8
ENE	1.0	.4	.3									1.8	4.1
E	2.4	1.3	1.2	.1								5.1	4.8
ESE	.2	.7	2.0	.2								3.1	7.5
SE	1.7	3.4	4.9	1.2	.1							11.3	7.0
SSE	1.9	3.6	6.1	3.4								15.0	7.9
S	2.2	2.1	1.9	.2								6.4	5.4
SSW	.8	.3	.1									1.2	3.8
SW	1.9	.8	.2	.1								3.0	3.9
WSW	1.0	1.2	1.7									3.9	6.0
W	1.9	1.7	.8	1.4	.3							6.1	7.3
WNW	.4	1.9	3.6	2.0	.1							8.0	8.7
NW	1.6	1.8	3.8	2.0	.2							9.3	8.3
NNW	.9	1.1	2.2	.8								5.0	7.4
VARBL													
CALM												10.6	
	22.2	23.0	30.6	12.8	.9							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.6	1.4	.3								4.7	6.3
NNE	.6	.8	.9	.2								2.4	6.5
NE	.8	.4										1.2	7.9
ENE	1.3	.6	.3									2.2	3.8
E	2.2	1.7	.7									4.6	4.3
ESE	1.3	1.6	1.7	.1								4.7	5.7
SE	1.7	2.7	4.2	1.3	.1							10.0	7.5
SSE	1.2	3.6	6.2	2.7	.1							13.8	8.1
S	1.9	3.2	2.3	.6								8.0	6.0
SSW	.8	1.1	.2									2.1	4.4
SW	1.2	.8	.7									2.7	4.6
WSW	.9	1.3	1.3	.6								4.1	6.6
W	1.0	1.3	1.9	2.0	.2							6.4	8.7
WNW	.9	.9	2.9	2.3	.2	.3						7.6	9.7
NW	1.8	2.6	3.4	3.0	.3							11.1	8.4
NNW	1.1	1.4	2.2	1.1								5.9	7.3
VARBL													
CALM												9.0	
	19.0	25.4	30.4	14.2	1.0	.3						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH MUNI APT	57-66	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.3	.8	.9								4.4	6.0
NNE	.4	.7	.4									2.0	4.9
NE	1.0	.7	.2									1.9	3.8
ENE	1.0	.4	.2	.1								1.8	4.4
E	2.7	1.3	.3									4.3	3.5
ESE	.4	1.1	1.3	.1								3.0	6.3
SE	.9	2.4	3.7	2.4								9.4	8.1
SSE	1.7	2.6	5.8	3.9	.3	.2						14.4	8.9
S	2.2	1.9	2.9	.6								7.6	6.2
SSW	.6	.1	.7									1.3	5.6
SW	.4	.8	.7									1.9	5.5
WSW	1.4	1.0	1.1	.3								3.9	5.6
W	1.0	1.9	2.2	2.4								7.6	8.4
WNW	.3	1.1	2.8	3.7	.1	.6	.1					8.7	11.4
NW	1.9	2.8	3.8	3.0	.4							11.9	8.1
NNW	.6	1.3	3.1	1.3								6.3	9.2
VARBL													
CALM												9.2	
	18.8	21.4	30.0	18.8	.9	.8	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102	FORT SMITH NAT DOT APT	57-66	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.9	1.3	.1								5.0	5.2
NNE	.7	.6	.8	.1								2.1	5.9
NE	.9	.4	.3									1.7	4.5
ENE	1.1	.7	.1									1.9	3.8
E	2.1	1.4	.7	.1								4.3	4.5
ESE	.6	1.4	1.2	.2								3.4	6.5
SE	2.6	2.7	5.2	1.1								11.6	6.9
SSE	.6	2.9	5.4	2.8	.6		.1					12.3	8.9
S	1.7	1.7	2.7	.3								6.3	6.2
SSW	.8	.3	.4									1.6	5.0
SW	1.2	1.3	.6									3.1	4.7
WSW	1.3	.8	.7	.4								2.9	6.0
W	1.4	1.8	3.3	2.3								8.9	7.9
WNW	.8	1.2	2.8	1.4	.1	.2						6.6	8.9
NW	.9	3.1	5.3	2.2	.3	.2						12.1	8.6
NNW	.4	1.9	2.8	1.2	.2							7.0	7.8
VARBL													
CALM												9.7	
	18.8	24.1	33.7	12.4	1.2	.4	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23102	FORT SMITH MWT DOT APT	57-66	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.6	1.0	.3								5.1	5.5
NNE	1.0	.7	.4	.2								2.3	5.2
NE	1.9	.6										2.4	2.8
ENE	1.0	.3	.2									1.5	4.1
E	1.3	1.3	.8	.2								3.7	5.1
ESE	1.6	2.0	1.0	.1								4.7	5.0
SE	3.3	2.8	4.0	2.0								12.1	6.8
SSE	.6	1.8	5.6	2.7	.2	.3						11.1	9.5
S	1.8	1.8	4.1	.6								8.2	6.6
SSW	.2	.9	.2									1.3	5.0
SW	1.6	1.3	.4									3.3	4.3
WSW	1.1	.6	1.6	.3								3.6	6.6
W	.6	2.2	2.9	1.6	.4							7.7	8.4
WNW	.4	1.0	4.0	2.2	.1							7.8	9.1
NW	2.3	3.3	5.4	1.7	.2							13.0	7.4
NNW	.2	.8	2.2	.6	.2							4.0	8.7
VARBL													
CALM												8.1	
	20.1	23.9	33.9	12.4	1.2	.3						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NRT OUT APT (STATION NAME) 57-66 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.0	1.7	.3								4.8	5.8
NNE	.9	.9	.2									2.0	4.4
NE	1.0	.1										1.1	2.9
ENE	.6	.6										1.1	3.8
E	2.7	2.0	1.2									5.9	4.6
ESE	1.9	1.1	1.8									4.8	5.3
SE	1.3	3.6	3.0	2.2	.1							10.2	7.7
SSE	1.1	3.6	5.8	3.6	.1	.1						14.2	8.5
S	1.3	2.3	1.9	.4								6.0	6.0
SSW	.4	.4	.2									1.1	4.5
SW	2.1	1.1	.6									3.8	4.1
WSW	.8	.8	2.2									3.8	6.7
W	1.2	1.8	2.8	1.4								7.2	7.6
WNW	.9	1.7	5.0	2.1								9.7	8.4
NW	1.2	3.1	4.1	2.0								10.4	7.7
NNW	.6	1.3	1.9	1.6								5.3	8.0
VARBL													
CALM												8.6	
	19.8	25.3	32.3	13.7	.2	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23102	FORT SMITH NAT GDT APT	57-66	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0000-0200 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.6	.6									4.0	4.4
NNE	.3	.8										1.1	3.9
NE	2.2	.2										2.4	2.7
ENE	1.3	.3	.2									1.8	3.3
E	3.4	.9	.9									5.2	4.0
ESE	1.3	1.6	.8									3.7	4.9
SE	3.8	5.3	5.1	1.8								15.9	6.5
SSE	1.8	3.3	5.7	3.2	.1	.1						14.3	8.3
S	1.4	1.3	.9	.1								3.7	5.0
SSW	.6	.1	.1									.9	3.6
SW	1.1	.9	.1									2.0	3.8
WSW	.4	1.4	.8									2.6	5.8
W	1.4	1.0	1.5	.1								4.0	5.6
WNW	.6	2.6	3.2	1.3								7.7	7.5
NW	2.4	5.2	5.3	1.8	.4							15.1	7.0
NNW	1.0	1.3	2.4	.8								5.4	7.2
VARBL													
CALM												10.4	
	24.7	27.6	27.4	9.1	.5	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.0	.9									3.3	4.8
NNE	.9	.6	.1									1.6	4.0
NE	1.6	.5										2.2	3.0
ENE	.9	.2	.1									1.2	3.5
E	3.4	1.2	.4									5.1	3.7
ESE	1.7	1.7	1.4	.1								4.9	5.3
SE	2.9	4.9	5.5	1.6	.2							15.2	6.8
SSE	1.5	3.0	6.0	3.5								14.1	8.3
S	1.8	1.4	1.2	.3								4.7	5.5
SSW	.5											.5	3.0
SW	1.1	.6	.5									2.3	4.4
WSW	.9	1.6	.5									2.5	5.1
W	1.6	2.2	.9	.2								4.8	4.8
WNW	1.1	1.7	3.4	.8								7.0	7.2
NW	2.6	3.9	5.6	2.9	.1							15.1	7.4
NNW	1.5	1.0	2.2	.6								5.3	6.6
VARBL													
CALM												10.3	
	24.9	25.6	28.7	10.1	.3							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | DEC MONTH

ALL WEATHER CLASS | 0600-0800 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.9	.5	.2								2.5	5.5
NNE	.5	.3	.2	.1								1.2	5.3
NE	1.5	.5										2.0	3.0
ENE	.6	.4										1.1	3.6
E	2.7	1.2	1.0	.1								4.9	4.3
ESE	1.4	2.0	1.3	.1	.1							4.9	5.7
SE	2.7	5.9	5.5	1.3								15.4	6.5
SSE	1.4	2.6	5.8	3.9	.2							13.9	8.7
S	.9	.6	1.3	.4								3.2	6.5
SSW		.1										.1	4.0
SW	1.6	.6	.6									2.9	4.6
WSW	.8	.6	.1									1.5	4.1
W	1.6	1.9	1.2									4.7	5.0
WNW	.9	1.8	4.1	1.1								7.8	7.7
NW	3.7	4.4	4.6	2.0								14.7	6.5
NNW	.6	1.3	2.0	1.3								5.3	7.9
VARBL													
CALM												13.8	
	21.7	25.4	28.3	10.5	.3							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) .FC (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.9	.2									2.3	4.0
NNE	.6	.8										1.4	3.8
NE	1.1	.6										1.7	3.1
ENE	.3	.4										.8	3.9
E	3.4	1.4	.5	.2								5.6	4.0
ESE	1.4	1.7	2.2	.2								5.5	6.1
SE	2.5	4.7	4.9	.8	.1							13.0	6.6
SSE	1.7	3.5	6.6	4.7	.1							16.7	8.4
S	1.0	1.3	1.5	.2								4.0	6.2
SSW	.1	.1										.2	4.5
SW	1.5	1.0	.1									2.6	3.8
WSW	.5	1.0	.3									1.8	5.0
W	1.8	1.1	1.7									4.6	5.3
WNW	1.0	2.0	4.0	1.4	.2							8.6	7.8
NW	3.5	4.3	4.7	2.0	.2	.2						15.1	7.0
NNW	1.7	1.6	1.3	.4								5.1	5.5
VARBL													
CALM												11.2	
	23.4	26.5	28.1	10.0	.6	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.5	.5									3.2	4.9
NNE	.2	.3	.3									.9	5.0
NE	1.3	.1										1.4	2.7
ENE	.4	.5	.1									1.5	3.9
E	2.8	.5	.6	.1								4.1	3.7
ESE	1.0	1.4	1.2	.2								3.8	5.9
SE	3.0	3.7	4.1	1.1	.3							12.2	6.6
SSE	2.4	3.5	7.2	3.7	.3							17.1	8.0
S	1.3	1.3	1.8	.4								4.8	6.7
SSW	.3	.1	.2									.6	5.2
SW	.4	.9	.1									1.4	4.2
WSW	.9	.5	.6									2.0	5.0
W	1.1	1.8	1.6	.1								4.6	5.7
WNW	1.4	2.4	4.2	.4	.3							8.7	7.1
NW	2.5	3.5	5.7	2.5	.5	.3	.1					15.2	8.2
NNW	.9	1.7	1.2	.5			.1					4.4	7.2
VARBL													
CALM												14.1	
	21.4	23.9	29.6	9.0	1.5	.3	.2					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.1	1.0									3.2	5.2
NNE	.2	.2										.4	3.8
NE	1.9	.9										2.8	3.2
ENE	1.2	1.2	.1									2.5	4.0
E	3.1	1.6	.3	.1								5.2	3.9
ESE	1.7	1.7	1.5	.3								5.3	5.7
SE	4.0	4.8	5.1	1.3	.1							15.3	6.2
SSE	1.5	2.8	6.2	3.0	.1							13.7	5.2
S	1.2	1.3	1.6	.3								4.4	6.0
SSW	1.0	.3	.1									1.4	3.7
SW	.4	.9	.4									1.7	4.9
WSW	.6	.6	.4	.1								1.8	5.2
W	1.1	.9	1.8	.3								4.1	6.7
WNW	1.0	1.3	2.7	.5	.2	.2						5.9	8.1
NW	2.3	3.2	6.0	2.7	.3	.2						14.7	8.1
NNW	1.9	2.3	.5	.6	.3							5.7	6.1
VARBL													
CALM												11.9	
	24.3	25.1	27.8	9.4	1.1	.4						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT UOT APT (STATION NAME) 57-66 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.7	.9	.1								4.8	4.6
NNE	.6	.4										1.2	3.3
NE	1.7	.4	.1									2.3	3.3
ENE	1.4	.4										1.8	2.8
E	2.4	1.3	.5	.1								4.3	4.4
ESE	1.6	2.2	1.1	.4								5.3	5.6
SE	3.3	4.4	5.9	.9	.2	.1						14.8	6.6
SSE	1.3	4.6	6.3	3.0								15.3	7.7
S	.8	2.0	1.0	.2								4.0	5.8
SSW	.3	.5	.2	.1								1.2	5.4
SW	.6	1.3	.2	.1								2.4	5.0
WSW	.8	1.0	.8									2.5	4.9
W	1.1	.9	1.9	.1								4.0	6.2
WNW	.3	1.4	2.9	1.3	.2	.2						6.3	9.6
NW	1.2	3.1	4.6	2.6	.1	.2	.1					13.9	8.1
NNW	1.4	1.4	1.2	.6	.1							4.7	6.6
VARBL													
CALM												11.3	
	21.2	29.0	27.6	9.6	.6	.5	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.0	.3									3.4	4.3
NNE	.9	.6										1.5	3.9
NE	1.8	.5										2.4	3.0
ENE	1.3	.2										1.5	3.0
E	2.8	1.5	.6	.1								5.1	4.3
ESE	1.1	1.7	1.4									4.2	5.5
SE	4.9	5.2	4.9	.8	.4	.1						16.3	6.0
SSE	1.7	4.1	5.6	3.0								14.4	7.8
S	.8	1.5	.6	.3								3.2	5.5
SSW	.8	.4										1.2	3.7
SW	.8	.2	.1									2.0	4.4
WSW	.2	1.3	.9									2.4	5.7
W	.6	1.1	1.2	.1								3.0	6.0
WNW	.8	2.2	3.7	1.4	.1	.2						8.3	8.3
NW	1.8	5.4	3.9	1.7	.4	.2						13.4	7.3
NNW	1.8	2.3	1.5	.9	.1							6.6	6.4
VARBL													
CALM												11.1	
	23.1	31.2	24.7	8.3	1.1	.5						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23102	FORT SMITH MPT DOT APT	57-66	ALL
STATION	STATION NAME	YEARS	MONTH

INSTRUMENT (CLASS) | ALL (HOURS (L.S.T.))

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE, AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	2.3	1.1	.1	.0						6.6	7.4
NNE	.8	.9	1.1	.5	.0	.0						3.4	7.0
NE	1.3	1.0	.9	.1	.0							3.4	5.2
ENE	.8	.7	.6	.1								2.2	5.3
E	1.7	1.3	.9	.1								4.1	4.9
ESE	.9	1.5	1.7	.3	.0							4.4	6.4
SE	1.7	2.4	3.8	1.2	.0							9.1	7.1
SSE	.9	1.5	3.1	2.2	.1							7.8	8.6
S	.9	.9	1.4	.5	.0							3.7	6.8
SSW	.4	.2	.2	.1								.9	5.5
SW	.5	.3	.3	.1	.0							1.3	6.2
WSW	.3	.3	.6	.2								1.4	7.0
W	.6	1.2	1.8	1.0	.1	.0	.0					5.1	8.0
WNW	.5	1.3	4.0	3.8	.8	.2						10.5	10.6
NW	1.3	3.2	7.0	6.4	1.7	.3						20.0	10.2
NNW	.8	1.7	3.9	3.1	.3	.0	.0					9.9	9.4
VARBL													
CALM												6.3	
	15.1	20.1	33.7	20.8	3.4	.6	.0					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 9578

DATA PROCESSING DIVISION
HIAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1500																
≥ 1200					[illegible]											92.6
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400										97.4						98.1
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0.
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of $\geq$ 1500 feet with $\geq$ 3 miles, subtracted from 97.4 read from the table at the intersection of $\geq$ 500 feet with $\geq$ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling $\geq$ 500 feet with visibility $\geq$ 1 mile, but < 3 miles; or ceiling $\geq$ 500 feet, but < 1500 feet with visibility $\geq$ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME 57-66 YEARS ALL MONTH ALL HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES: ≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	50.0	50.1	50.2	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5	[illegible]
≥ 20000	[illegible]	53.2	53.3	53.4	53.4	53.4	53.5	53.5	53.5	53.6	53.6	53.6	53.7	53.7	53.7	53.8
≥ 18000	53.0	53.3	53.4	53.5	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.9
≥ 16000	[illegible]	53.6	53.7	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.1	54.1	54.2
≥ 14000	54.2	54.5	54.7	54.7	54.8	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.1	55.1	55.1
≥ 12000	55.9	56.3	56.4	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.9
≥ 10000	59.2	59.6	59.8	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.3
≥ 9000	61.8	61.8	61.9	62.0	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.5
≥ 8000	65.2	65.8	65.9	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.6	66.6
≥ 7000	68.8	69.0	69.3	69.4	69.6	69.7	69.8	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.1
≥ 6000	69.3	70.1	70.3	70.5	70.8	70.9	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.2	71.2
≥ 5000	71.6	72.5	72.8	73.0	73.2	73.2	73.4	73.4	73.4	73.5	73.5	73.6	73.6	73.6	73.7	73.7
≥ 4500	72.4	73.3	73.6	73.8	74.0	74.1	74.2	74.2	74.2	74.3	74.4	74.4	74.4	74.5	74.5	74.6
≥ 4000	74.7	75.8	76.1	76.3	76.6	76.7	76.8	76.8	76.8	76.9	77.0	77.0	77.1	77.1	77.1	77.2
≥ 3500	75.9	77.0	77.4	77.6	77.9	78.0	78.1	78.1	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.5
≥ 3000	78.2	79.5	79.9	80.2	80.5	80.6	80.8	80.8	80.8	80.9	81.0	81.0	81.1	81.1	81.1	81.2
≥ 2500	80.2	81.7	82.1	82.5	82.9	82.9	83.1	83.2	83.2	83.4	83.4	83.4	83.5	83.5	83.6	83.6
≥ 2000	82.5	84.1	84.6	85.0	85.5	85.6	85.8	85.9	85.9	86.1	86.2	86.2	86.3	86.3	86.4	86.4
≥ 1800	83.1	84.8	85.3	85.7	86.2	86.3	86.6	86.7	86.7	86.9	87.0	87.0	87.1	87.1	87.1	87.2
≥ 1500	84.9	86.6	87.1	87.8	88.5	88.5	88.9	89.0	89.0	89.3	89.5	89.5	89.6	89.6	89.7	89.7
≥ 1200	86.8	88.9	89.5	90.0	90.7	90.8	91.2	91.4	91.4	91.7	91.9	91.9	92.1	92.1	92.1	92.2
≥ 1000	88.1	90.3	91.0	91.6	92.4	92.5	93.0	93.2	93.2	93.6	93.8	93.8	94.0	94.0	94.1	94.2
≥ 900	88.0	91.0	91.6	92.2	93.1	93.1	93.6	93.8	93.8	94.3	94.5	94.6	94.8	94.8	94.9	94.9
≥ 800	89.2	91.7	92.4	93.0	93.8	93.9	94.5	94.7	94.7	95.2	95.4	95.5	95.7	95.7	95.8	95.9
≥ 700	89.7	92.2	92.9	93.6	94.5	94.6	95.1	95.3	95.3	95.8	96.1	96.2	96.4	96.5	96.6	96.6
≥ 600	90.1	92.8	93.5	94.2	95.1	95.2	95.8	96.0	96.0	96.5	96.9	96.9	97.2	97.3	97.4	97.4
≥ 500	90.8	93.5	94.3	95.0	95.9	96.1	96.7	96.9	96.9	97.5	97.9	97.9	98.3	98.3	98.4	98.5
≥ 400	91.1	93.9	94.7	95.3	96.3	96.5	97.1	97.3	97.3	97.9	98.3	98.4	98.8	98.8	98.9	99.0
≥ 300	91.2	94.1	94.9	95.6	96.6	96.7	97.4	97.7	97.7	98.3	98.7	98.7	99.1	99.2	99.4	99.4
≥ 200	91.3	94.2	95.0	95.7	96.7	96.9	97.5	97.8	97.8	98.5	98.9	98.9	99.4	99.5	99.6	99.7
≥ 100	91.3	94.2	95.0	95.7	96.8	96.9	97.5	97.8	97.9	98.5	98.9	99.0	99.5	99.6	99.8	99.9
≥ 0	91.3	96.2	95.0	95.7	96.8	96.9	97.5	97.8	97.9	98.5	98.9	99.0	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 87643

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26107 STATION — FORT SMITH M L GILL APT STATION NAME — 57-66 YEARS — JAN MONTH — HOURS: ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.2	55.3	55.7	56.0	56.3	56.4	56.7	56.8	56.8	56.9	56.9	57.0	57.0	57.0	57.1	57.1
≥ 20000	56.0	57.1	57.4	57.8	58.1	58.1	58.4	58.6	58.6	58.7	58.8	58.8	58.9	58.9	58.9	59.0
≥ 18000	56.1	57.3	57.6	58.0	58.3	58.3	58.6	58.8	58.8	58.9	59.0	59.0	59.1	59.1	59.1	59.2
≥ 16000	56.2	57.3	57.7	58.0	58.4	58.4	58.7	58.8	58.8	59.0	59.0	59.0	59.1	59.1	59.1	59.2
≥ 14000	56.6	57.7	58.1	58.5	58.7	58.8	59.1	59.2	59.2	59.4	59.4	59.5	59.5	59.5	59.6	59.6
≥ 12000	57.8	59.0	59.4	59.7	60.0	60.1	60.4	60.5	60.5	60.7	60.7	60.8	60.8	60.8	60.8	60.9
≥ 10000	60.6	61.8	62.2	62.6	63.0	63.0	63.4	63.5	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.9
≥ 9000	61.8	63.1	63.5	64.0	64.3	64.4	64.8	65.0	65.0	65.1	65.2	65.2	65.3	65.3	65.3	65.4
≥ 8000	64.6	66.0	66.5	66.9	67.4	67.5	68.0	68.2	68.2	68.4	68.4	68.5	68.5	68.5	68.6	68.6
≥ 7000	67.7	69.5	70.2	70.7	71.3	71.4	71.9	72.1	72.1	72.3	72.4	72.5	72.5	72.5	72.6	72.6
≥ 6000	68.3	70.1	70.8	71.4	72.1	72.2	72.7	72.9	72.9	73.1	73.2	73.3	73.3	73.3	73.4	73.4
≥ 5000	69.5	71.6	72.3	73.0	73.7	73.8	74.3	74.5	74.5	74.7	74.8	74.9	74.9	74.9	75.0	75.0
≥ 4500	69.9	72.1	72.9	73.5	74.3	74.4	74.9	75.1	75.1	75.3	75.4	75.4	75.5	75.5	75.5	75.6
≥ 4000	71.3	73.7	74.6	75.4	76.3	76.4	76.9	77.2	77.2	77.4	77.5	77.5	77.6	77.6	77.6	77.7
≥ 3500	71.9	74.6	75.6	76.5	77.3	77.5	78.0	78.3	78.3	78.5	78.7	78.7	78.8	78.8	78.8	78.9
≥ 3000	72.8	76.1	77.2	78.3	79.3	79.5	80.1	80.4	80.4	80.7	80.8	80.8	80.9	80.9	81.0	81.0
≥ 2500	74.1	77.5	78.8	80.1	81.3	81.4	82.2	82.5	82.5	82.8	83.0	83.1	83.1	83.1	83.2	83.2
≥ 2000	75.8	79.8	81.1	82.4	83.8	84.0	84.8	85.2	85.2	85.6	85.9	85.9	86.1	86.1	86.1	86.1
≥ 1800	76.5	80.5	81.9	83.2	84.6	84.9	85.7	86.1	86.1	86.6	86.9	86.9	87.1	87.1	87.1	87.2
≥ 1500	77.9	82.4	83.9	85.3	86.9	87.1	88.2	88.6	88.6	89.2	89.7	89.7	89.9	89.9	90.0	90.1
≥ 1200	79.6	84.5	86.0	87.5	89.2	89.4	90.6	91.1	91.1	91.7	92.3	92.3	92.6	92.6	92.6	92.9
≥ 1000	80.4	85.6	87.2	88.8	90.6	90.9	92.1	92.6	92.7	93.4	94.0	94.1	94.5	94.5	94.7	94.8
≥ 900	80.8	86.2	87.8	89.4	91.3	91.5	92.8	93.3	93.4	94.1	94.8	94.9	95.3	95.3	95.5	95.6
≥ 800	81.1	86.8	88.4	90.0	92.0	92.2	93.6	94.1	94.1	95.0	95.7	95.8	96.2	96.2	96.5	96.6
≥ 700	81.5	87.3	89.0	90.7	92.6	92.9	94.4	94.7	94.8	95.6	96.3	96.5	96.9	96.9	97.3	97.4
≥ 600	81.7	87.7	89.4	91.1	93.0	93.3	94.7	95.2	95.3	96.2	96.9	97.1	97.6	97.6	98.0	98.0
≥ 500	82.0	88.3	90.0	91.7	93.7	93.9	95.3	95.9	95.9	96.9	97.7	97.9	98.6	98.6	98.9	99.0
≥ 400	82.2	88.5	90.1	91.9	93.9	94.1	95.5	96.1	96.1	97.1	97.9	98.1	98.8	98.8	99.2	99.3
≥ 300	82.2	88.5	90.2	91.9	94.0	94.2	95.6	96.2	96.2	97.2	98.0	98.3	99.0	99.0	99.4	99.5
≥ 200	82.2	88.5	90.2	92.0	94.1	94.3	95.7	96.3	96.4	97.4	98.2	98.4	99.2	99.2	99.5	99.6
≥ 100	82.2	88.6	90.2	92.0	94.1	94.4	95.8	96.4	96.4	97.4	98.2	98.5	99.3	99.3	99.8	99.9
0	82.2	88.6	90.2	92.0	94.1	94.4	95.8	96.4	96.4	97.4	98.3	98.5	99.3	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7435

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
SAC ETAC
TIP FAT ER WEATHER/MAC

2

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] 57-66 YEARS [illegible] MONTH

HOUR (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.3	56.6	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.5
≥ 20000	58.5	59.2	59.4	59.5	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.9	59.9
≥ 18000	58.5	59.3	59.5	59.6	59.7	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.0
≥ 16000	58.7	59.4	59.7	59.7	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.1	60.1
≥ 14000	59.5	60.3	60.5	60.6	60.7	60.7	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0
≥ 12000	60.5	61.3	61.6	61.7	61.8	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.1
≥ 10000	63.8	64.6	65.1	65.2	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.7
≥ 9000	66.4	67.3	67.8	68.0	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.6
≥ 8000	70.2	71.6	72.0	72.3	72.5	72.6	72.7	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	73.0
≥ 7000	74.0	75.9	76.4	76.8	77.3	77.4	77.5	77.6	77.6	77.8	77.9	77.9	77.9	77.9	77.9	78.0
≥ 6000	75.1	77.1	77.7	78.1	78.7	78.7	78.9	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.3
≥ 5000	76.1	78.2	78.9	79.3	79.9	80.0	80.2	80.2	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.6
≥ 4500	76.5	78.6	79.3	79.7	80.4	80.4	80.6	80.7	80.7	80.8	80.9	80.9	80.9	80.9	81.0	81.0
≥ 4000	77.5	79.9	80.6	81.0	81.7	81.8	82.0	82.0	82.0	82.2	82.3	82.3	82.3	82.3	82.4	82.4
≥ 3500	78.0	80.6	81.3	81.7	82.4	82.5	82.7	82.8	82.8	82.9	83.0	83.0	83.0	83.0	83.1	83.1
≥ 3000	79.3	82.2	82.9	83.4	84.2	84.3	84.6	84.7	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.1
≥ 2500	80.6	83.7	84.6	85.2	86.1	86.2	86.5	86.6	86.6	86.7	86.8	86.8	86.9	86.9	86.9	87.0
≥ 2000	82.0	85.2	86.2	86.9	88.0	88.1	88.6	88.7	88.7	89.1	89.2	89.2	89.3	89.3	89.4	89.5
≥ 1800	82.4	85.7	86.7	87.4	88.5	89.6	89.1	89.3	89.3	89.7	89.8	89.8	89.8	89.8	89.9	89.9
≥ 1500	83.6	87.0	88.1	88.8	90.1	90.2	90.9	91.1	91.1	91.6	91.8	91.8	91.9	91.9	91.9	92.0
≥ 1200	84.9	88.5	89.8	90.6	92.1	92.3	93.2	93.4	93.4	94.0	94.3	94.3	94.5	94.5	94.6	94.6
≥ 1000	85.0	89.3	90.7	91.5	93.0	93.3	94.2	94.5	94.6	95.3	95.6	95.7	96.0	96.0	96.0	96.1
≥ 900	86.1	90.0	91.4	92.2	93.7	94.0	95.0	95.3	95.3	96.1	96.4	96.5	96.8	96.8	96.8	96.9
≥ 800	86.2	90.2	91.5	92.4	93.9	94.2	95.2	95.6	95.6	96.4	96.7	96.8	97.2	97.2	97.2	97.3
≥ 700	86.4	90.4	91.8	92.7	94.2	94.5	95.5	95.9	95.9	96.8	97.1	97.2	97.6	97.6	97.6	97.7
≥ 600	86.8	90.7	92.2	93.0	94.6	94.9	96.0	96.3	96.3	97.3	97.7	97.7	98.2	98.2	98.2	98.3
≥ 500	87.2	91.2	92.7	93.5	95.2	95.4	96.5	96.9	96.9	97.9	98.2	98.3	98.7	98.8	98.8	98.9
≥ 400	87.4	91.4	92.9	93.8	95.4	95.7	96.7	97.1	97.2	98.2	98.5	98.6	99.0	99.1	99.1	99.2
≥ 300	87.6	91.7	93.2	94.1	95.8	96.0	97.1	97.5	97.5	98.5	98.9	98.9	99.4	99.4	99.5	99.5
≥ 200	87.6	91.8	93.3	94.2	95.9	96.1	97.3	97.7	97.7	98.7	99.1	99.1	99.7	99.7	99.7	99.8
≥ 100	87.7	91.8	93.3	94.2	95.9	96.1	97.3	97.7	97.7	98.8	99.1	99.2	99.7	99.7	99.8	99.9
≥ 0	87.7	91.8	93.3	94.2	95.9	96.2	97.3	97.7	97.8	98.8	99.1	99.2	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6708

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72012 STATION — FORT SMITH MEM OFF APT STATION NAME — 57-66 YEARS — MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.9	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4
≥ 20000	62.0	62.6	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1
≥ 18000	62.8	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3
≥ 16000	63.1	63.3	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6
≥ 14000	64.1	64.3	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7
≥ 12000	65.4	65.7	65.7	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.1
≥ 10000	67.8	68.2	68.3	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7
≥ 9000	69.6	70.0	70.2	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.7
≥ 8000	72.4	73.1	73.3	73.5	73.8	73.8	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0
≥ 7000	75.4	76.5	76.8	77.1	77.4	77.4	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.8
≥ 6000	76.2	77.3	77.6	78.0	78.3	78.4	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8
≥ 5000	78.0	79.3	79.7	80.0	80.3	80.4	80.5	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.9
≥ 4500	78.5	79.9	80.3	80.6	80.9	81.0	81.1	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.5
≥ 4000	80.9	82.5	82.9	83.3	83.7	83.8	83.9	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.3
≥ 3500	82.1	84.0	84.4	84.8	85.3	85.4	85.5	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.9
≥ 3000	83.8	86.0	86.6	87.1	87.7	87.8	88.0	88.1	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.5
≥ 2500	85.4	87.8	88.5	89.0	89.8	89.9	90.1	90.3	90.3	90.5	90.6	90.6	90.7	90.7	90.7	90.8
≥ 2000	86.7	89.5	90.2	90.8	91.8	91.9	92.1	92.4	92.4	92.6	92.8	92.8	92.9	93.0	93.0	93.1
≥ 1800	87.2	90.0	90.8	91.4	92.4	92.5	92.8	93.0	93.0	93.3	93.4	93.5	93.6	93.6	93.6	93.7
≥ 1500	88.3	91.3	92.2	93.0	94.1	94.2	94.6	94.9	94.9	95.3	95.6	95.7	95.8	95.8	95.8	95.9
≥ 1200	89.2	92.3	93.2	94.1	95.4	95.5	96.1	96.5	96.5	97.0	97.3	97.3	97.5	97.5	97.6	97.7
≥ 1000	89.5	92.7	93.6	94.5	95.9	96.0	96.7	97.0	97.0	97.6	97.9	97.9	98.1	98.2	98.3	98.3
≥ 900	89.5	92.8	93.7	94.7	96.1	96.2	96.9	97.2	97.2	97.8	98.1	98.1	98.4	98.5	98.5	98.6
≥ 800	89.7	93.0	94.0	94.9	96.4	96.5	97.2	97.5	97.5	98.1	98.4	98.5	98.7	98.8	98.9	98.9
≥ 700	89.8	93.1	94.1	95.1	96.5	96.6	97.3	97.7	97.7	98.3	98.7	98.7	99.0	99.1	99.1	99.2
≥ 600	89.9	93.3	94.3	95.2	96.7	96.8	97.5	97.9	97.9	98.4	98.9	98.9	99.4	99.4	99.5	99.6
≥ 500	89.9	93.4	94.4	95.3	96.8	96.9	97.6	98.0	98.0	98.6	99.1	99.1	99.6	99.6	99.7	99.8
≥ 400	90.0	93.5	94.4	95.4	96.9	97.0	97.7	98.1	98.1	98.7	99.1	99.2	99.6	99.7	99.8	99.9
≥ 300	90.0	93.6	94.5	95.5	97.0	97.1	97.8	98.2	98.2	98.8	99.2	99.3	99.7	99.8	99.9	100.0
≥ 200	90.0	93.6	94.5	95.5	97.0	97.1	97.8	98.2	98.2	98.8	99.2	99.3	99.7	99.8	99.9	100.0
≥ 100	90.0	93.6	94.5	95.5	97.0	97.1	97.8	98.2	98.2	98.8	99.2	99.3	99.7	99.8	99.9	100.0
≥ 0	90.0	93.6	94.5	95.5	97.0	97.1	97.8	98.2	98.2	98.8	99.2	99.3	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7446

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

24104 STATION — EAST SMITH NOT OCT AFT STATION NAME — 57-66 YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 20000	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 18000	62.3	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 16000	62.5	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 14000	63.5	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 12000	64.6	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	67.0	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 9000	68.7	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 8000	72.8	73.0	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 7000	76.7	77.0	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 6000	77.4	77.7	77.9	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	79.6	80.0	80.2	80.4	80.5	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4500	80.3	80.8	81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4000	82.2	82.7	82.9	83.1	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3500	83.3	83.8	84.1	84.3	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	85.6	86.3	86.6	86.8	87.0	87.0	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2500	87.8	88.5	88.9	89.2	89.4	89.4	89.5	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2000	89.0	90.6	91.0	91.3	91.5	91.6	91.7	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.2	92.2
≥ 1800	90.1	91.1	91.5	91.8	92.1	92.1	92.3	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	91.2	92.3	92.7	93.1	93.5	93.5	93.8	93.9	93.9	94.3	94.4	94.4	94.4	94.4	94.5	94.5
≥ 1200	92.3	93.5	93.9	94.3	94.8	94.9	95.1	95.4	95.4	95.7	95.8	95.9	95.9	95.9	95.9	95.9
≥ 1000	93.0	94.3	94.8	95.2	95.8	95.9	96.2	96.5	96.5	97.0	97.1	97.1	97.2	97.3	97.3	97.3
≥ 900	93.2	94.6	95.1	95.5	96.1	96.2	96.5	96.8	96.8	97.3	97.5	97.5	97.7	97.8	97.8	97.8
≥ 800	93.5	95.0	95.4	95.9	96.4	96.5	96.9	97.2	97.2	97.8	98.0	98.0	98.2	98.3	98.3	98.3
≥ 700	93.6	95.0	95.5	96.0	96.5	96.7	97.0	97.4	97.4	97.9	98.2	98.2	98.5	98.6	98.7	98.7
≥ 600	93.7	95.1	95.6	96.1	96.6	96.8	97.2	97.5	97.5	98.1	98.4	98.4	98.8	98.9	98.9	98.9
≥ 500	93.9	95.4	95.9	96.4	97.0	97.1	97.6	97.9	97.9	98.5	98.8	98.8	99.2	99.4	99.4	99.4
≥ 400	94.0	95.6	96.1	96.6	97.2	97.3	97.8	98.1	98.1	98.7	99.0	99.1	99.5	99.6	99.6	99.6
≥ 300	94.0	95.7	96.2	96.6	97.3	97.4	97.9	98.3	98.3	98.8	99.2	99.2	99.6	99.7	99.8	99.8
≥ 200	94.0	95.7	96.3	96.7	97.3	97.5	98.0	98.4	98.4	98.9	99.3	99.3	99.7	99.8	99.9	99.9
≥ 100	94.0	95.8	96.3	96.8	97.4	97.5	98.0	98.4	98.4	99.0	99.3	99.4	99.8	99.9	100.0	100.0
0	94.0	95.8	96.3	96.8	97.4	97.5	98.0	98.4	98.4	99.0	99.3	99.4	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2010? STATION — EAST SMITH MET UNIT APT STATION NAME — 57-66 YEARS — MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 18000	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 16000	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 14000	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9
≥ 12000	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3
≥ 10000	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 9000	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1
≥ 8000	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 7000	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	77.3	77.3	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 5000	80.0	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4500	81.7	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1
≥ 4000	85.0	85.1	85.2	85.2	85.4	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3500	86.3	86.5	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8
≥ 3000	89.8	90.0	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500	91.6	91.9	92.0	92.0	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	93.1	93.4	93.6	93.6	93.7	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	93.6	93.9	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	94.5	94.9	95.1	95.1	95.3	95.3	95.4	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	95.3	95.7	95.9	96.0	96.2	96.2	96.3	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000	95.8	96.2	96.5	96.6	96.8	96.8	96.9	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	96.1	96.5	96.7	96.8	97.0	97.0	97.2	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	96.4	96.9	97.1	97.2	97.5	97.5	97.7	97.7	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	96.7	97.1	97.4	97.5	97.7	97.8	97.9	98.0	98.0	98.2	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	96.9	97.4	97.7	97.8	98.1	98.1	98.2	98.3	98.3	98.5	98.8	98.8	98.8	98.8	98.9	98.9
≥ 500	97.2	97.8	98.1	98.2	98.4	98.5	98.6	98.7	98.7	99.0	99.3	99.3	99.3	99.3	99.4	99.4
≥ 400	97.3	98.0	98.2	98.3	98.6	98.6	98.8	98.9	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	97.4	98.1	98.3	98.4	98.7	98.8	98.9	99.1	99.1	99.4	99.6	99.7	99.7	99.7	99.8	99.8
≥ 200	97.4	98.1	98.4	98.5	98.8	98.8	99.0	99.1	99.1	99.4	99.7	99.7	99.8	99.9	99.9	99.9
≥ 100	97.4	98.1	98.4	98.5	98.8	98.8	99.0	99.1	99.1	99.4	99.7	99.7	99.8	99.9	100.0	100.0
≥ 0	97.4	98.1	98.4	98.5	98.8	98.8	99.0	99.1	99.1	99.4	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24102 STATION — FORT SMITH NAT INT ARPT STATION NAME — 57-66 YEARS — ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 20000	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
< 20000 ≥ 18000	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
< 18000 ≥ 16000	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
< 16000 ≥ 14000	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
< 14000 ≥ 12000	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
< 12000 ≥ 10000	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
< 10000 ≥ 9000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9
< 9000 ≥ 8000	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
< 8000 ≥ 7000	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
< 7000 ≥ 6000	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
< 6000 ≥ 5000	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
< 5000 ≥ 4500	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
< 4500 ≥ 4000	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
< 4000 ≥ 3500	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1
< 3500 ≥ 3000	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8
< 3000 ≥ 2500	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
< 2500 ≥ 2000	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0
< 2000 ≥ 1800	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
< 1800 ≥ 1500	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
< 1500 ≥ 1200	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
< 1200 ≥ 1000	96.2	96.6	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1
< 1000 ≥ 900	96.5	97.0	97.0	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5
< 900 ≥ 800	97.1	97.5	97.6	97.7	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
< 800 ≥ 700	97.2	97.8	98.0	98.1	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
< 700 ≥ 600	97.4	98.1	98.3	98.4	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0
< 600 ≥ 500	97.7	98.4	98.6	98.8	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5
< 500 ≥ 400	97.8	98.5	98.8	99.0	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
< 400 ≥ 300	97.9	98.7	99.0	99.2	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
< 300 ≥ 200	98.0	98.8	99.0	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
< 200 ≥ 100	98.0	98.8	99.0	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
< 100 0	98.0	98.8	99.0	99.2	99.5	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20103 STATION — FORT SMITH NWT WSO APT STATION NAME — 57-66 YEARS — JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES): ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	51.2	51.4	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	56.3	56.6	56.7	56.7	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	56.4	56.7	56.8	56.9	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 16000	56.7	57.0	57.2	57.2	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
≥ 14000	57.7	58.0	58.1	58.2	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 12000	60.8	61.1	61.2	61.3	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 10000	64.9	65.3	65.4	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8
≥ 9000	67.2	67.6	67.7	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
≥ 8000	71.8	72.2	72.4	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8
≥ 7000	73.9	74.3	74.5	74.6	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 6000	75.1	75.7	75.9	75.9	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 5000	78.7	79.3	79.4	79.5	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.0
≥ 4500	79.8	80.4	80.6	80.6	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1
≥ 4000	83.5	84.1	84.2	84.4	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8
≥ 3500	84.8	85.4	85.5	85.7	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3000	87.0	87.6	87.8	87.9	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.4
≥ 2500	88.8	89.5	89.6	89.8	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3
≥ 2000	91.2	91.8	92.0	92.1	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.6
≥ 1800	91.5	92.2	92.3	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 1500	92.7	93.4	93.5	93.7	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.2
≥ 1200	93.9	94.7	94.8	95.0	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.5	95.5
≥ 1000	94.9	95.7	95.9	96.0	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.6	96.6
≥ 900	95.4	96.2	96.4	96.6	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 800	95.8	96.7	96.9	97.1	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 700	95.9	96.9	97.2	97.3	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 600	96.8	97.3	97.5	97.7	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3
≥ 500	96.9	98.1	98.3	98.5	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 400	98.9	98.2	98.5	98.6	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 300	97.0	98.4	98.7	98.9	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 200	97.0	98.4	98.7	98.9	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
≥ 100	97.0	98.4	98.7	98.9	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0
≥ 0	97.0	98.4	98.7	98.9	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744c

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME [redacted] YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7	52.6	52.8	52.9	53.0
≥ 20000	55.7	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.4	56.4	56.5	56.6
≥ 18000	55.8	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.7	56.7
≥ 16000	56.4	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	57.0	57.0	57.1	57.2
≥ 14000	57.5	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.4	58.4
≥ 12000	59.1	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.9	59.9	60.0	60.1
≥ 10000	64.0	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.9	65.0
≥ 9000	66.5	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.4	67.5	67.5
≥ 8000	71.1	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	72.0	72.0	72.1	72.2
≥ 7000	73.0	74.1	74.2	74.3	74.4	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.6	74.7
≥ 6000	74.9	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.9	76.0
≥ 5000	77.6	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.5	78.5	78.5	78.6	78.7	78.7
≥ 4500	78.5	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.6	79.7
≥ 4000	81.2	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.2	82.3
≥ 3500	82.3	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.5	83.5
≥ 3000	85.1	85.7	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.2	86.3	86.4
≥ 2500	87.7	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.9	89.0
≥ 2000	90.3	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.5	91.5	91.6	91.7
≥ 1800	90.7	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.8	91.8	92.0	92.0
≥ 1500	92.0	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.4	93.4
≥ 1200	92.8	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.1	94.2	94.3
≥ 1000	94.0	94.9	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.4	95.5	95.6	95.7
≥ 900	94.4	95.3	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.9	96.0	96.1	96.2
≥ 800	94.9	95.9	96.0	96.2	96.2	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.7	96.7
≥ 700	95.4	96.4	96.5	96.7	96.7	96.7	96.7	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.2	97.2
≥ 600	96.1	97.1	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.7	97.7	97.8	97.9	98.0
≥ 500	96.9	98.0	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.7	98.8	98.9
≥ 400	97.1	98.2	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.2	99.2
≥ 300	97.1	98.2	98.4	98.6	98.7	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.3	99.4
≥ 200	97.2	98.3	98.5	98.7	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.2	99.3	99.3	99.5	99.6
≥ 100	97.2	98.3	98.5	98.7	98.8	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.3	99.4	99.7	99.8
≥ 0	97.2	98.3	98.5	98.7	98.8	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME FORT SMITH MUNI APT 57-66 YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.0	41.9	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.2	42.2	42.3	42.5
≥ 20000	44.7	44.8	44.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.1	45.1	45.2	45.4
≥ 18000	44.8	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.2	45.2	45.3	45.4
≥ 16000	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.5	45.6	45.6	45.9
≥ 14000	46.2	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.6	46.6	46.7	46.9
≥ 12000	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.7	48.8	48.8	49.1
≥ 10000	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.4	52.5	52.5	52.8
≥ 9000	54.0	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.4	54.4	54.5	54.8
≥ 8000	58.4	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.8	58.8	58.9	59.2
≥ 7000	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.8	62.9	63.0	63.2
≥ 6000	63.5	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	64.0	64.1	64.1	64.4
≥ 5000	66.3	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.9	67.0	67.1	67.3
≥ 4500	67.3	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.8	67.9	68.0	68.0	68.3
≥ 4000	70.0	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.3	71.3	71.4	71.7
≥ 3500	72.6	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.3	73.3	73.4	73.7
≥ 3000	76.3	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	77.0	77.1	77.2	77.5
≥ 2500	79.3	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	80.1	80.1	80.2	80.5
≥ 2000	82.4	82.8	82.8	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.3	83.3	83.5	83.8
≥ 1800	83.3	83.7	83.7	83.8	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.2	84.2	84.4	84.7
≥ 1500	85.8	86.3	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.8	86.8	87.0	87.3
≥ 1200	89.0	89.8	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.3	90.3	90.5	90.8
≥ 1000	91.2	92.1	92.1	92.2	92.4	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.8	92.9	93.0	93.3
≥ 900	91.9	93.0	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.6	93.6	93.6	93.8	93.8	94.0	94.3
≥ 800	92.6	93.8	93.9	94.0	94.1	94.1	94.3	94.3	94.3	94.4	94.4	94.5	94.7	94.7	94.9	95.2
≥ 700	93.3	94.6	94.7	94.9	95.0	95.0	95.2	95.3	95.3	95.4	95.4	95.5	95.8	95.8	95.9	96.2
≥ 600	94.0	95.0	95.1	95.3	95.4	95.5	95.7	95.7	95.7	95.9	95.9	95.9	96.2	96.3	96.4	96.7
≥ 500	94.6	96.1	96.3	96.4	96.7	96.7	96.9	97.0	97.0	97.2	97.2	97.2	97.6	97.6	97.8	98.1
≥ 400	94.9	96.5	96.7	96.9	97.2	97.2	97.5	97.5	97.5	97.7	97.8	97.8	98.1	98.2	98.3	98.6
≥ 300	95.1	96.7	96.9	97.1	97.5	97.5	97.8	97.9	97.9	98.0	98.1	98.1	98.5	98.6	98.7	99.0
≥ 200	95.2	96.9	97.1	97.3	97.7	97.7	98.0	98.1	98.1	98.3	98.4	98.5	98.9	99.0	99.2	99.4
≥ 100	95.3	96.9	97.2	97.4	97.7	97.8	98.1	98.2	98.2	98.4	98.5	98.6	99.0	99.1	99.4	99.7
0	95.3	96.9	97.2	97.4	97.7	97.8	98.1	98.2	98.2	98.4	98.5	98.6	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
[illegible]

CEILING VERSUS VISIBILITY

[illegible] STATION NAME 57-66 YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (E.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.6	36.7	36.7	36.7	36.8	36.8	36.9	36.9	36.9	37.0	37.1	37.1	37.2	37.2	37.3	37.3
≥ 20000	39.5	39.5	39.6	39.6	39.7	39.7	39.8	39.8	39.8	39.9	40.0	40.0	40.1	40.1	40.2	40.2
≥ 18000	39.7	39.7	39.8	39.8	39.9	39.9	39.9	40.0	40.0	40.1	40.2	40.2	40.3	40.3	40.4	40.6
≥ 16000	40.2	40.3	40.3	40.4	40.4	40.4	40.5	40.5	40.5	40.6	40.8	40.8	40.9	40.9	41.0	41.1
≥ 14000	40.9	41.0	41.0	41.1	41.1	41.1	41.2	41.2	41.2	41.3	41.5	41.5	41.6	41.6	41.7	41.9
≥ 12000	42.7	42.8	42.8	42.9	42.9	42.9	43.0	43.0	43.0	43.1	43.3	43.3	43.4	43.4	43.5	43.6
≥ 10000	46.0	46.1	46.1	46.2	46.2	46.2	46.3	46.3	46.3	46.4	46.6	46.6	46.7	46.7	46.8	46.9
≥ 9000	47.9	48.1	48.1	48.2	48.2	48.2	48.3	48.3	48.3	48.4	48.5	48.5	48.6	48.7	48.8	48.9
≥ 8000	51.7	51.9	51.9	52.0	52.0	52.0	52.1	52.1	52.1	52.3	52.4	52.4	52.5	52.5	52.6	52.7
≥ 7000	55.2	55.5	55.5	55.6	55.7	55.7	55.8	55.8	55.8	55.9	56.0	56.0	56.1	56.2	56.3	56.4
≥ 6000	55.8	56.2	56.3	56.3	56.4	56.4	56.5	56.5	56.5	56.6	56.8	56.9	56.9	56.9	57.0	57.2
≥ 5000	57.8	58.2	58.3	58.3	58.4	58.4	58.5	58.5	58.5	58.7	58.8	58.8	58.9	58.9	59.0	59.2
≥ 4500	58.8	59.1	59.2	59.3	59.4	59.4	59.5	59.5	59.5	59.6	59.8	59.9	59.9	59.9	60.0	60.2
≥ 4000	61.1	61.5	61.6	61.7	61.8	61.8	61.9	61.9	61.9	62.0	62.2	62.2	62.3	62.3	62.4	62.6
≥ 3500	62.3	62.7	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.3	63.4	63.4	63.5	63.5	63.7	63.8
≥ 3000	64.9	65.4	65.6	65.7	65.7	65.8	65.9	65.9	65.9	66.0	66.1	66.1	66.3	66.3	66.4	66.5
≥ 2500	68.6	69.5	69.7	69.8	69.9	69.9	70.0	70.0	70.0	70.1	70.3	70.3	70.4	70.4	70.6	70.7
≥ 2000	73.2	74.0	74.2	74.4	74.5	74.5	74.6	74.7	74.7	74.9	75.1	75.1	75.2	75.2	75.3	75.5
≥ 1800	74.5	75.3	75.5	75.7	75.8	75.8	76.0	76.1	76.1	76.3	76.4	76.4	76.6	76.6	76.7	76.9
≥ 1500	78.0	79.2	79.3	79.8	80.0	80.0	80.2	80.3	80.3	80.5	80.9	80.9	81.0	81.0	81.2	81.3
≥ 1200	81.9	83.4	83.8	84.1	84.4	84.4	84.7	84.8	84.8	85.1	85.5	85.5	85.8	85.8	85.9	86.0
≥ 1000	84.4	85.2	86.7	87.0	87.5	87.5	87.9	88.1	88.1	88.5	88.9	88.9	89.3	89.3	89.4	89.6
≥ 900	85.3	87.2	87.7	88.1	88.5	88.6	89.0	89.2	89.2	89.6	90.1	90.1	90.4	90.5	90.6	90.8
≥ 800	86.5	88.6	89.1	89.5	90.1	90.2	90.7	90.9	90.9	91.4	92.0	92.0	92.4	92.4	92.5	92.7
≥ 700	87.3	89.4	90.0	90.5	91.2	91.2	91.8	92.0	92.0	92.6	93.3	93.3	93.7	93.8	93.9	94.0
≥ 600	87.8	90.1	90.8	91.3	92.0	92.1	92.6	92.9	92.9	93.6	94.3	94.3	94.8	94.8	94.9	95.1
≥ 500	88.5	91.0	91.7	92.2	93.0	93.1	93.8	94.1	94.1	94.9	95.6	95.7	96.2	96.3	96.5	96.6
≥ 400	89.0	91.6	92.3	92.9	93.7	93.8	94.4	94.8	94.8	95.7	96.5	96.5	97.2	97.3	97.5	97.6
≥ 300	89.3	91.9	92.7	93.2	94.2	94.2	94.9	95.3	95.3	96.3	97.1	97.2	98.0	98.0	98.3	98.5
≥ 200	89.4	92.0	92.8	93.4	94.4	94.4	95.2	95.6	95.6	96.7	97.5	97.7	98.6	98.7	99.1	99.4
≥ 100	89.4	92.0	92.8	93.5	94.4	94.5	95.3	95.6	95.7	96.8	97.6	97.8	98.8	98.9	99.4	99.9
≥ 0	89.4	92.0	92.8	93.5	94.4	94.5	95.3	95.6	95.7	96.8	97.6	97.8	98.8	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM JUL 82 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME 57-66 YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.0	34.3	34.4	34.5	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.8	34.8	34.9	34.9
≥ 20000	33.7	35.1	35.2	35.3	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.6	35.6	35.6	35.6
≥ 18000	35.6	36.2	36.3	36.4	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.7	36.7	36.7	36.7
≥ 16000	35.4	36.3	36.4	36.5	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.8	36.8	36.9	36.9
≥ 14000	36.9	37.3	37.4	37.5	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.8	37.8	37.8	37.8
≥ 12000	37.8	38.2	38.4	38.5	38.5	38.6	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.8	38.8	38.8
≥ 10000	40.0	40.5	40.6	40.7	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0
≥ 9000	41.9	42.5	42.6	42.8	42.8	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.1	43.1	43.1	43.1
≥ 8000	45.5	46.3	46.5	46.6	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.1	47.1
≥ 7000	48.7	49.8	50.1	50.3	50.5	50.6	50.8	50.8	50.8	50.9	50.9	50.9	51.0	51.0	51.0	51.0
≥ 6000	49.2	50.3	50.6	50.8	51.1	51.2	51.3	51.4	51.4	51.5	51.5	51.5	51.6	51.6	51.6	51.6
≥ 5000	51.4	51.7	52.0	52.2	52.5	52.6	52.6	52.8	52.8	52.9	53.0	53.0	53.0	53.0	53.1	53.1
≥ 4500	52.8	52.2	52.5	52.7	53.1	53.1	53.3	53.3	53.3	53.5	53.5	53.5	53.6	53.6	53.6	53.6
≥ 4000	54.4	53.9	54.4	54.6	55.0	55.1	55.3	55.3	55.3	55.5	55.5	55.5	55.6	55.6	55.7	55.7
≥ 3500	55.5	55.0	55.6	55.9	56.3	56.4	56.6	56.7	56.7	56.8	56.9	56.9	57.0	57.0	57.0	57.0
≥ 3000	57.8	57.7	58.3	58.5	59.1	59.2	59.5	59.5	59.5	59.8	59.8	59.8	59.9	59.9	60.0	60.0
≥ 2500	59.4	60.6	61.3	61.6	62.3	62.4	62.7	62.8	62.8	63.1	63.2	63.2	63.3	63.3	63.3	63.3
≥ 2000	61.3	64.0	64.7	65.3	66.3	66.3	66.8	67.0	67.0	67.3	67.4	67.4	67.5	67.5	67.6	67.6
≥ 1800	62.3	65.2	66.0	66.6	67.7	67.7	68.3	68.4	68.4	68.8	68.9	68.9	69.0	69.0	69.1	69.1
≥ 1500	66.1	69.5	70.5	71.2	72.4	72.5	73.1	73.3	73.3	73.9	74.0	74.0	74.2	74.2	74.2	74.2
≥ 1200	69.9	73.8	75.0	75.8	77.3	77.4	78.2	78.5	78.5	79.3	79.5	79.5	79.6	79.6	79.7	79.7
≥ 1000	72.9	77.2	78.5	79.6	81.3	81.5	82.4	82.8	82.8	83.7	84.0	84.1	84.2	84.2	84.3	84.3
≥ 900	74.0	78.5	79.8	80.9	82.7	82.9	83.9	84.2	84.2	85.2	85.7	85.7	85.9	85.9	86.0	86.0
≥ 800	75.5	80.3	81.7	82.8	84.7	84.9	86.0	86.4	86.4	87.5	88.0	88.1	88.3	88.3	88.4	88.4
≥ 700	76.8	81.7	83.1	84.3	86.3	86.5	87.7	88.1	88.1	89.3	89.8	89.8	90.1	90.1	90.2	90.2
≥ 600	78.6	83.6	85.1	86.4	88.4	88.6	89.8	90.3	90.3	91.6	92.2	92.2	92.8	92.8	92.9	93.0
≥ 500	80.5	85.8	87.4	88.8	91.1	91.3	92.6	93.1	93.1	94.4	95.1	95.2	95.8	95.9	96.0	96.0
≥ 400	81.4	86.8	88.5	89.9	92.2	92.5	93.8	94.3	94.3	95.8	96.4	96.5	97.2	97.3	97.4	97.4
≥ 300	81.9	87.4	89.2	90.7	93.1	93.3	94.7	95.2	95.3	96.8	97.5	97.6	98.3	98.4	98.7	98.7
≥ 200	82.3	87.8	89.6	91.1	93.6	93.8	95.3	95.9	95.9	97.6	98.2	98.3	99.2	99.3	99.6	99.6
≥ 100	82.3	87.8	89.7	91.2	93.6	93.9	95.3	95.9	96.0	97.7	98.3	98.4	99.4	99.5	99.9	99.9
0	82.3	87.8	89.7	91.2	93.6	93.9	95.3	95.9	96.0	97.7	98.3	98.4	99.4	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME 57-66 YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	44.9	45.3	45.5	45.6	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	46.0	46.0	46.0	46.0
≥ 20000	46.7	47.2	47.3	47.5	47.6	47.6	47.7	47.7	47.7	47.8	47.6	47.8	47.9	47.9	47.9	47.9
≥ 18000	46.7	47.2	47.4	47.6	47.6	47.6	47.7	47.8	47.8	47.8	47.8	47.8	48.0	48.0	48.0	48.0
≥ 16000	47.0	47.4	47.6	47.8	47.9	47.9	48.0	48.0	48.0	48.0	48.1	48.1	48.2	48.2	48.2	48.2
≥ 14000	48.1	48.5	48.7	48.9	49.0	49.0	49.1	49.1	49.1	49.1	49.2	49.2	49.3	49.3	49.3	49.3
≥ 12000	49.2	49.7	49.9	50.1	50.2	50.2	50.3	50.3	50.3	50.3	50.4	50.4	50.5	50.5	50.5	50.5
≥ 10000	52.0	53.3	53.5	53.7	53.8	53.8	53.9	53.9	53.9	53.9	54.0	54.0	54.1	54.1	54.1	54.1
≥ 9000	56.1	56.0	56.3	56.5	56.7	56.7	56.9	56.9	56.9	56.9	57.0	57.0	57.1	57.1	57.1	57.1
≥ 8000	58.9	60.0	60.3	60.6	60.9	60.9	61.1	61.2	61.2	61.2	61.3	61.3	61.4	61.4	61.4	61.4
≥ 7000	61.0	63.2	63.6	64.0	64.3	64.4	64.6	64.7	64.7	64.8	64.8	64.8	64.9	64.9	65.0	65.0
≥ 6000	62.7	64.2	64.7	65.1	65.5	65.5	65.6	65.7	65.8	65.9	66.0	66.0	66.1	66.1	66.1	66.1
≥ 5000	64.8	65.6	66.1	66.5	66.9	67.0	67.2	67.3	67.3	67.4	67.5	67.5	67.6	67.6	67.7	67.7
≥ 4500	65.3	66.1	66.7	67.0	67.5	67.6	67.8	67.9	67.9	68.0	68.1	68.1	68.3	68.3	68.3	68.3
≥ 4000	65.9	67.9	68.5	68.9	69.4	69.5	69.8	69.9	69.9	70.0	70.1	70.1	70.3	70.3	70.3	70.3
≥ 3500	66.7	68.9	69.5	69.9	70.5	70.6	70.9	71.0	71.0	71.1	71.2	71.2	71.4	71.4	71.4	71.4
≥ 3000	68.0	70.4	71.2	71.8	72.5	72.6	72.9	73.0	73.0	73.1	73.3	73.3	73.5	73.5	73.5	73.5
≥ 2500	69.2	71.9	72.8	73.4	74.2	74.3	74.7	74.8	74.8	74.9	75.1	75.1	75.3	75.3	75.3	75.3
≥ 2000	71.4	74.5	75.5	76.3	77.3	77.3	77.7	77.9	77.9	78.1	78.3	78.3	78.5	78.5	78.5	78.5
≥ 1800	72.1	75.3	76.3	77.2	78.3	78.3	78.8	78.9	78.9	79.1	79.3	79.3	79.6	79.6	79.6	79.6
≥ 1500	74.3	77.9	79.0	79.9	81.1	81.2	81.7	81.9	81.9	82.3	82.6	82.6	82.9	82.9	82.9	83.0
≥ 1200	76.7	80.8	82.1	83.1	84.5	84.5	85.1	85.4	85.4	86.0	86.3	86.3	86.6	86.7	86.7	86.7
≥ 1000	78.7	83.1	84.4	85.6	87.1	87.2	87.8	88.2	88.2	88.8	89.2	89.2	89.6	89.7	89.8	89.8
≥ 900	79.7	84.1	85.5	86.6	88.1	88.3	89.0	89.3	89.3	90.0	90.3	90.4	90.7	90.8	90.9	91.0
≥ 800	80.8	85.3	86.7	87.9	89.5	89.6	90.4	90.7	90.7	91.5	91.9	91.9	92.3	92.4	92.6	92.6
≥ 700	81.8	86.5	87.9	89.1	90.7	90.9	91.6	92.0	92.0	92.8	93.3	93.3	93.8	93.9	94.1	94.1
≥ 600	82.7	87.4	88.9	90.2	91.9	92.0	92.9	93.3	93.3	94.1	94.5	94.6	95.2	95.3	95.5	95.5
≥ 500	83.7	88.6	90.1	91.4	93.2	93.3	94.4	94.8	94.8	95.7	96.2	96.3	96.9	97.0	97.2	97.2
≥ 400	84.4	89.3	90.9	92.2	94.0	94.1	95.2	95.6	95.6	96.6	97.1	97.2	97.9	98.1	98.3	98.4
≥ 300	84.7	89.7	91.3	92.6	94.4	94.6	95.7	96.1	96.1	97.2	97.8	97.9	98.7	98.9	99.2	99.2
≥ 200	84.7	89.8	91.3	92.7	94.5	94.7	95.8	96.2	96.2	97.3	98.0	98.1	98.9	99.2	99.5	99.5
≥ 100	84.7	89.8	91.3	92.7	94.6	94.7	95.8	96.2	96.2	97.4	98.1	98.2	99.1	99.3	99.7	99.8
≥ 0	84.7	89.8	91.3	92.7	94.6	94.7	95.8	96.2	96.2	97.4	98.1	98.2	99.1	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS [redacted] 7446

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26102 STATION | FORT SMITH MUNICIPAL ARPT STATION NAME | 57-66 YEARS | MAR. MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.8	58.3	58.8	59.1	59.5	59.5	60.1	60.5	60.5	60.6	60.6	60.8	60.8	60.8	60.8	60.8
≥ 20000	57.5	59.2	59.6	59.9	60.2	60.2	60.9	61.3	61.3	61.4	61.4	61.3	61.5	61.5	61.5	61.5
≥ 18000	57.7	59.5	59.8	60.1	60.4	60.4	61.1	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7
≥ 16000	57.7	59.5	59.8	60.1	60.4	60.4	61.1	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7
≥ 14000	57.8	59.6	59.9	60.3	60.6	60.6	61.3	61.7	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9
≥ 12000	59.6	61.3	61.6	62.0	62.4	62.4	63.0	63.4	63.4	63.5	63.5	63.7	63.7	63.7	63.7	63.7
≥ 10000	61.4	63.1	63.4	63.9	64.2	64.2	64.8	65.3	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5
≥ 9000	62.4	64.1	64.4	64.8	65.2	65.2	65.8	66.2	66.2	66.3	66.3	66.5	66.5	66.5	66.5	66.5
≥ 8000	64.6	66.6	66.9	67.3	67.6	67.6	68.3	68.7	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9
≥ 7000	67.3	69.4	69.9	70.4	70.8	70.8	71.4	71.8	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0
≥ 6000	68.0	70.0	70.5	71.1	71.4	71.4	72.0	72.5	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7
≥ 5000	69.1	71.4	72.0	72.6	73.0	73.0	73.7	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3
≥ 4500	69.8	72.4	73.0	73.5	74.0	74.0	74.6	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3
≥ 4000	71.0	74.6	75.3	76.1	76.6	76.6	77.4	77.6	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8
≥ 3500	72.4	75.8	76.5	77.4	77.8	77.8	78.5	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2
≥ 3000	73.1	77.5	78.5	79.5	80.0	80.0	80.6	81.2	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4
≥ 2500	74.6	79.0	80.2	81.6	82.3	82.3	83.2	83.8	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0
≥ 2000	75.7	80.4	81.6	83.2	84.2	84.2	85.2	85.8	85.8	85.9	86.0	86.1	86.1	86.1	86.1	86.1
≥ 1800	76.2	81.0	82.2	83.8	84.7	84.7	85.8	86.5	86.5	86.6	86.7	86.8	87.0	87.0	87.0	87.0
≥ 1500	76.9	81.8	83.1	84.7	85.8	85.8	87.4	88.1	88.1	88.2	88.3	88.4	88.8	88.8	88.8	88.8
≥ 1200	78.5	83.9	85.3	87.0	88.1	88.1	89.9	90.5	90.5	90.8	90.9	91.0	91.7	91.7	91.8	91.8
≥ 1000	79.6	85.2	86.6	88.3	89.6	89.6	91.5	92.2	92.2	92.5	92.6	92.8	93.8	93.8	93.9	93.9
≥ 900	79.9	85.7	87.1	88.8	90.2	90.2	92.2	92.8	92.8	93.2	93.3	93.5	94.5	94.5	94.6	94.6
≥ 800	80.3	86.2	87.6	89.4	90.9	90.9	92.9	93.5	93.5	94.0	94.2	94.4	95.4	95.4	95.5	95.5
≥ 700	81.2	87.4	88.8	90.6	92.2	92.2	94.2	94.8	94.8	95.3	95.5	95.7	96.7	96.7	96.8	96.8
≥ 600	81.5	87.6	89.2	91.1	92.6	92.6	94.7	95.3	95.3	96.0	96.2	96.5	97.4	97.4	97.5	97.5
≥ 500	81.9	88.3	89.7	91.5	93.0	93.0	95.2	95.9	95.9	96.5	96.8	97.0	98.1	98.1	98.2	98.2
≥ 400	82.2	88.8	90.2	92.0	93.5	93.5	95.7	96.5	96.5	97.0	97.3	97.5	98.6	98.6	98.7	98.7
≥ 300	82.7	89.0	90.5	92.4	94.0	94.0	96.1	96.9	96.9	97.4	97.7	98.0	99.0	99.0	99.1	99.1
≥ 200	82.7	89.0	90.6	92.7	94.3	94.3	96.6	97.3	97.3	97.8	98.2	98.4	99.5	99.5	99.6	99.6
≥ 100	82.7	89.1	90.8	92.8	94.4	94.4	96.7	97.4	97.4	98.0	98.3	98.5	99.6	99.6	100.0	100.0
≥ 0	82.7	89.1	90.8	92.8	94.4	94.4	96.7	97.4	97.6	98.0	98.3	98.5	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
0IH HEAT LA SE VICE/MAC

2

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME [redacted] YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted]

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	59.3	60.1	60.6	61.2	61.6	61.7	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.4
	60.0	60.7	61.3	61.8	62.2	62.4	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 18000 ≥ 16000	60.1	60.8	61.4	61.9	62.4	62.5	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1
	60.1	60.8	61.4	61.9	62.4	62.5	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1
≥ 14000 ≥ 12000	60.2	60.9	61.5	62.0	62.5	62.6	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2
	60.6	61.4	61.9	62.5	62.9	63.0	64.4	63.5	63.8	63.5	63.5	63.5	63.5	63.5	63.5	63.6
≥ 10000 ≥ 9000	62.9	63.6	64.3	64.8	65.3	65.4	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0
	63.3	64.1	64.8	65.4	65.8	65.9	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6
≥ 8000 ≥ 7000	65.7	66.9	67.6	68.3	68.9	69.0	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7
	68.5	70.0	70.8	71.4	72.1	72.2	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8
≥ 6000 ≥ 5000	69.1	70.7	71.5	72.2	72.8	72.9	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6
	70.2	72.0	72.8	73.5	74.1	74.2	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
≥ 4500 ≥ 4000	70.9	72.6	73.5	74.1	74.8	74.9	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5
	72.2	74.2	75.1	76.2	77.0	77.1	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8
≥ 3500 ≥ 3000	73.0	75.8	76.7	77.8	78.6	78.7	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4
	74.1	77.6	78.6	79.8	81.0	81.1	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8
≥ 2500 ≥ 2000	75.3	79.3	80.7	82.1	83.3	83.4	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1
	77.1	81.6	83.0	84.5	85.8	85.9	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.8
≥ 1800 ≥ 1500	77.9	82.5	83.9	85.4	86.8	86.9	87.5	87.7	87.7	87.7	87.8	87.8	87.8	87.8	88.1	88.2
	79.0	83.8	85.4	86.9	88.5	88.6	89.3	89.5	89.5	89.5	89.6	89.6	89.6	89.6	90.0	90.1
≥ 1200 ≥ 1000	80.3	85.4	87.1	88.7	90.2	90.3	91.3	91.5	91.5	91.7	91.8	91.8	91.8	91.8	92.4	92.6
	81.3	86.6	88.2	90.1	91.7	91.8	93.0	93.3	93.3	93.6	93.7	93.7	94.0	94.0	94.6	94.7
≥ 900 ≥ 800	82.0	87.3	88.9	90.7	92.3	92.4	93.6	94.0	94.0	94.4	94.5	94.5	94.7	94.7	95.4	95.5
	82.3	88.0	89.6	91.5	93.1	93.2	94.4	94.7	94.7	95.1	95.3	95.3	95.6	95.6	96.2	96.3
≥ 700 ≥ 600	83.1	88.9	90.5	92.4	94.1	94.2	95.4	95.7	95.7	96.1	96.2	96.2	96.5	96.5	97.2	97.3
	83.3	89.3	90.9	92.9	94.5	94.6	95.8	96.1	96.1	96.5	96.7	96.7	97.0	97.0	97.6	97.7
≥ 500 ≥ 400	83.5	89.9	91.5	93.4	95.0	95.1	96.3	96.7	96.7	97.1	97.2	97.2	97.7	97.7	98.4	98.6
	83.5	89.9	91.5	93.5	95.1	95.3	96.4	96.8	96.8	97.2	97.3	97.3	97.8	97.8	98.5	98.7
≥ 300 ≥ 200	83.5	89.9	91.5	93.5	95.4	95.5	96.7	97.0	97.0	97.4	97.5	97.5	98.1	98.1	98.7	98.9
	83.6	90.0	91.7	93.7	95.6	95.7	96.9	97.2	97.2	97.6	97.7	97.7	98.3	98.3	98.9	99.1
≥ 100 ≥ 0	83.6	90.0	91.7	93.7	95.8	95.9	97.1	97.5	97.5	98.0	98.1	98.1	98.7	98.7	99.7	99.9
	83.6	90.0	91.7	93.7	95.8	95.9	97.1	97.5	97.5	98.0	98.2	98.2	98.8	98.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 927

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME 57-66 YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5 16	≥ ¼	≥ 0
NO CEILING	55.5	56.9	58.0	58.3	58.6	58.9	59.5	59.6	59.6	59.8	59.8	59.9	59.9	59.9	59.9	60.0
≥ 20000	55.9	57.3	58.4	58.8	59.2	59.5	60.0	60.1	60.1	60.3	60.3	60.5	60.5	60.5	60.5	60.6
≥ 18000	55.9	57.3	58.4	58.8	59.2	59.5	60.0	60.1	60.1	60.3	60.3	60.5	60.5	60.5	60.5	60.6
≥ 16000	55.9	57.3	58.4	58.8	59.2	59.5	60.0	60.1	60.1	60.3	60.3	60.5	60.5	60.5	60.5	60.6
≥ 14000	56.0	57.7	58.7	59.2	59.5	59.8	60.3	60.5	60.5	60.7	60.7	60.8	60.8	60.8	60.8	60.9
≥ 12000	56.5	58.1	59.2	59.6	59.9	60.2	60.8	60.9	60.9	61.1	61.1	61.2	61.2	61.2	61.2	61.3
≥ 10000	58.7	60.5	61.5	62.0	62.3	62.6	63.1	63.3	63.3	63.5	63.5	63.6	63.6	63.6	63.6	63.7
≥ 9000	60.0	61.9	62.9	63.4	63.7	64.0	64.5	64.7	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.1
≥ 8000	62.7	64.7	65.9	66.4	66.8	67.1	67.7	67.8	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.2
≥ 7000	66.3	68.5	70.3	70.7	71.1	71.4	72.0	72.1	72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.5
≥ 6000	66.7	69.0	70.7	71.2	71.7	72.1	72.6	72.7	72.7	73.0	73.0	73.1	73.1	73.1	73.1	73.2
≥ 5000	67.4	70.4	72.1	72.6	73.1	73.5	74.0	74.1	74.1	74.4	74.4	74.5	74.5	74.5	74.5	74.6
≥ 4500	67.7	71.0	72.8	73.4	73.8	74.2	74.8	74.9	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.3
≥ 4000	69.2	72.8	74.9	75.5	76.3	76.7	77.3	77.4	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.8
≥ 3500	69.6	73.5	75.6	76.4	77.2	77.8	78.3	78.4	78.4	78.7	78.7	78.8	78.8	78.8	78.8	78.9
≥ 3000	70.7	75.5	77.7	78.6	79.7	80.4	80.9	81.0	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.5
≥ 2500	72.2	77.3	79.8	80.9	82.5	83.2	83.7	83.8	83.8	84.1	84.1	84.2	84.2	84.2	84.2	84.3
≥ 2000	73.5	79.0	81.6	82.7	84.4	85.0	85.6	85.7	85.7	85.9	85.9	86.0	86.0	86.0	86.0	86.1
≥ 1800	74.1	79.6	82.2	83.3	85.0	85.7	86.2	86.3	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.7
≥ 1500	75.3	81.7	84.3	85.8	87.7	88.4	89.1	89.3	89.3	89.5	89.7	89.8	89.9	89.9	90.0	90.1
≥ 1200	76.7	83.4	86.2	87.7	90.0	90.7	91.5	91.7	91.7	91.9	92.0	92.1	92.2	92.2	92.7	92.8
≥ 1000	77.2	84.1	86.9	88.6	91.1	91.8	92.6	92.8	92.8	93.0	93.1	93.2	93.4	93.4	94.0	94.1
≥ 900	77.9	84.8	87.6	89.3	91.8	92.6	93.3	93.5	93.5	93.8	93.9	94.0	94.2	94.2	94.7	94.8
≥ 800	78.1	85.3	88.1	89.9	92.3	93.1	93.9	94.1	94.1	94.4	94.5	94.6	95.0	95.0	95.7	95.8
≥ 700	78.8	86.2	89.0	90.8	93.3	94.1	94.8	95.0	95.0	95.4	95.5	95.6	96.0	96.0	96.8	96.9
≥ 600	79.0	86.7	89.5	91.4	93.9	94.6	95.4	95.6	95.6	96.2	96.3	96.4	97.0	97.0	97.7	97.8
≥ 500	79.1	86.9	89.7	91.5	94.0	94.7	95.5	95.7	95.7	96.4	96.7	96.8	97.4	97.4	98.2	98.3
≥ 400	79.4	87.2	90.0	91.8	94.4	95.2	95.9	96.1	96.1	96.9	97.1	97.2	97.8	97.8	98.6	98.7
≥ 300	79.4	87.2	90.0	91.8	94.5	95.3	96.0	96.2	96.2	97.0	97.2	97.3	98.2	98.2	98.9	99.0
≥ 200	79.4	87.3	90.1	91.9	94.7	95.3	96.2	96.6	96.6	97.3	97.6	98.1	98.7	98.7	99.5	99.6
≥ 100	79.4	87.3	90.1	91.9	94.7	95.5	96.3	96.7	96.7	97.4	97.7	98.2	99.0	99.0	99.9	100.0
≥ 0	79.4	87.3	90.1	91.9	94.7	95.5	96.3	96.7	96.7	97.4	97.7	98.2	99.0	99.0	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 928

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~24142~~ STATION ~~FORT SMITH MUNI ARPT~~ STATION NAME ~~57-66~~ YEARS ~~JAN~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~0800-1100~~ HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥
NO CEILING	47.5	49.1	49.8	50.5	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.4	51.4	51.4	5
≥ 20000	~~49.6~~	~~51.2~~	~~51.8~~	~~52.6~~	~~53.1~~	~~53.1~~	~~53.2~~	~~53.2~~	~~53.2~~	~~53.2~~	~~53.2~~	~~53.2~~	~~53.4~~	~~53.4~~	~~53.4~~	5
≥ 18000	49.7	51.3	51.9	52.7	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5	5
≥ 16000	~~49.8~~	~~51.4~~	~~52.0~~	~~52.8~~	~~53.3~~	~~53.3~~	~~53.4~~	~~53.4~~	~~53.4~~	~~53.4~~	~~53.4~~	~~53.4~~	~~53.7~~	~~53.7~~	~~53.7~~	~~5~~
≥ 14000	50.5	52.2	52.8	53.5	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.4	54.4	54.4	54.
≥ 12000	~~51.1~~	~~52.7~~	~~53.4~~	~~54.2~~	~~54.7~~	~~54.7~~	~~54.8~~	~~54.8~~	~~54.8~~	~~54.8~~	~~54.8~~	~~54.8~~	~~55.1~~	~~55.1~~	~~55.1~~	~~55.2~~
≥ 10000	53.2	54.8	55.6	56.3	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.2	57.2	57.2	57.
≥ 9000	~~55.5~~	~~57.1~~	~~57.8~~	~~58.6~~	~~59.4~~	~~59.4~~	~~59.5~~	~~59.5~~	~~59.5~~	~~59.5~~	~~59.5~~	~~59.5~~	~~59.7~~	~~59.7~~	~~59.7~~	~~59.~~
≥ 8000	59.1	60.9	61.6	62.4	63.2	63.3	63.5	63.5	63.5	63.7	63.7	63.7	63.9	63.9	63.9	64.0
≥ 7000	~~62.9~~	~~65.2~~	~~65.9~~	~~66.9~~	~~68.0~~	~~68.1~~	~~68.4~~	~~68.4~~	~~68.4~~	~~68.5~~	~~68.5~~	~~68.5~~	~~68.7~~	~~68.7~~	~~68.7~~	~~68.8~~
≥ 6000	63.3	65.8	66.6	67.7	69.1	69.2	69.6	69.6	69.6	69.7	69.7	69.7	69.9	69.9	69.9	70.0
≥ 5000	~~64.3~~	~~66.6~~	~~67.4~~	~~68.6~~	~~70.0~~	~~70.1~~	~~70.4~~	~~70.5~~	~~70.5~~	~~70.8~~	~~70.8~~	~~70.8~~	~~71.1~~	~~71.1~~	~~71.1~~	~~71.2~~
≥ 4500	64.4	66.7	67.5	68.7	70.1	70.2	70.5	70.6	70.6	70.9	70.9	70.9	71.2	71.2	71.2	71.3
≥ 4000	~~66.2~~	~~69.0~~	~~69.9~~	~~71.2~~	~~72.7~~	~~72.9~~	~~73.2~~	~~73.3~~	~~73.3~~	~~73.5~~	~~73.5~~	~~73.5~~	~~73.9~~	~~73.9~~	~~73.9~~	~~74.0~~
≥ 3500	67.4	70.2	71.1	72.4	74.0	74.2	74.6	74.7	74.7	75.1	75.2	75.2	75.5	75.5	75.5	75.6
≥ 3000	~~68.3~~	~~71.4~~	~~72.6~~	~~74.3~~	~~76.2~~	~~76.6~~	~~77.2~~	~~77.4~~	~~77.4~~	~~77.7~~	~~77.8~~	~~77.8~~	~~78.2~~	~~78.2~~	~~78.2~~	~~78.3~~
≥ 2500	69.4	72.8	74.1	76.1	78.2	78.5	79.1	79.5	79.5	80.0	80.2	80.2	80.5	80.5	80.5	80.6
≥ 2000	~~71.7~~	~~75.8~~	~~77.1~~	~~79.1~~	~~81.3~~	~~81.9~~	~~82.7~~	~~83.0~~	~~83.0~~	~~83.8~~	~~84.0~~	~~84.0~~	~~84.3~~	~~84.3~~	~~84.3~~	~~84.4~~
≥ 1800	72.3	76.5	77.7	79.8	82.3	82.7	83.4	83.8	83.8	84.5	84.7	84.7	85.1	85.1	85.1	85.2
≥ 1500	~~73.9~~	~~78.6~~	~~79.9~~	~~82.0~~	~~84.6~~	~~85.2~~	~~85.9~~	~~86.2~~	~~86.2~~	~~87.1~~	~~87.7~~	~~87.7~~	~~88.4~~	~~88.4~~	~~88.4~~	~~88.5~~
≥ 1200	76.1	81.7	83.1	85.6	88.4	88.9	89.8	90.1	90.1	91.1	91.7	91.7	92.4	92.4	92.5	92.6
≥ 1000	~~76.9~~	~~82.8~~	~~84.3~~	~~86.9~~	~~89.8~~	~~90.3~~	~~91.3~~	~~91.6~~	~~91.6~~	~~92.8~~	~~93.5~~	~~93.5~~	~~94.2~~	~~94.2~~	~~94.4~~	~~94.5~~
≥ 900	77.7	83.9	85.5	88.1	91.0	91.5	92.5	92.9	92.9	94.1	94.8	94.8	95.6	95.6	95.8	95.9
≥ 800	~~78.2~~	~~84.2~~	~~86.1~~	~~88.7~~	~~91.7~~	~~92.3~~	~~93.2~~	~~93.7~~	~~93.7~~	~~95.1~~	~~95.9~~	~~95.9~~	~~96.7~~	~~96.7~~	~~97.0~~	~~97.1~~
≥ 700	78.4	84.7	86.3	88.9	91.9	92.5	93.4	93.9	93.9	95.3	96.1	96.1	97.0	97.0	97.3	97.4
≥ 600	~~78.5~~	~~84.8~~	~~86.5~~	~~89.0~~	~~92.0~~	~~92.6~~	~~93.7~~	~~94.1~~	~~94.1~~	~~95.5~~	~~96.3~~	~~96.3~~	~~97.3~~	~~97.3~~	~~97.6~~	~~97.7~~
≥ 500	79.0	85.8	87.4	90.2	93.2	93.8	94.8	95.3	95.3	96.8	97.6	97.6	98.6	98.6	98.9	99.0
≥ 400	~~79.2~~	~~86.0~~	~~87.6~~	~~90.4~~	~~93.4~~	~~94.0~~	~~95.2~~	~~95.7~~	~~95.7~~	~~97.2~~	~~98.1~~	~~98.1~~	~~99.1~~	~~99.1~~	~~99.5~~	~~99.6~~
≥ 300	79.2	86.0	87.6	90.4	93.4	94.0	95.2	95.7	95.7	97.2	98.1	98.1	99.1	99.1	99.5	99.6
≥ 200	~~79.2~~	~~86.0~~	~~87.6~~	~~90.4~~	~~93.4~~	~~94.0~~	~~95.2~~	~~95.7~~	~~95.7~~	~~97.2~~	~~98.1~~	~~98.1~~	~~99.1~~	~~99.1~~	~~99.5~~	~~99.6~~
≥ 100	79.2	86.0	87.6	90.4	93.4	94.0	95.2	95.7	95.7	97.2	98.1	98.1	99.1	99.1	99.5	99.7
0	~~79.2~~	~~86.0~~	~~87.6~~	~~90.4~~	~~93.4~~	~~94.0~~	~~95.2~~	~~95.7~~	~~95.7~~	~~97.2~~	~~98.1~~	~~98.1~~	~~99.1~~	~~99.1~~	~~99.5~~	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20142 STATION — FORT SMITH FLT UTLITY AFT STATION NAME — 57-66 YEARS — JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.5	50.6	50.9	51.3	51.5	51.5	51.6	51.6	51.6	51.7	51.7	51.7	51.9	51.9	51.9	51.9
≥ 20000	53.8	54.9	55.2	55.6	55.8	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.3	56.3	56.3	56.3
≥ 18000	53.8	54.9	55.2	55.6	55.8	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.3	56.3	56.3	56.3
≥ 16000	53.8	54.9	55.2	55.6	55.8	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.3	56.3	56.3	56.3
≥ 14000	54.3	55.5	55.7	56.1	56.3	56.3	56.5	56.6	56.6	56.7	56.7	56.7	56.9	56.9	56.9	56.9
≥ 12000	55.8	57.1	57.3	57.7	58.0	58.0	58.1	58.2	58.2	58.3	58.3	58.3	58.5	58.5	58.5	58.5
≥ 10000	59.5	60.9	61.1	61.7	61.9	61.9	62.0	62.2	62.2	62.3	62.3	62.3	62.5	62.5	62.5	62.5
≥ 9000	61.3	62.8	63.1	63.5	64.2	64.3	64.5	64.6	64.6	64.7	64.7	64.7	64.9	64.9	64.9	64.9
≥ 8000	64.8	66.6	66.9	67.7	68.4	68.5	68.9	69.0	69.0	69.1	69.1	69.1	69.4	69.4	69.4	69.4
≥ 7000	67.8	69.8	70.2	71.3	72.3	72.5	73.0	73.1	73.1	73.2	73.2	73.2	73.4	73.4	73.4	73.4
≥ 6000	68.7	70.6	71.1	72.4	73.5	73.8	74.3	74.4	74.4	74.5	74.5	74.5	74.7	74.7	74.7	74.7
≥ 5000	69.9	72.3	72.7	74.0	75.2	75.4	76.0	76.1	76.1	76.2	76.2	76.2	76.5	76.5	76.5	76.5
≥ 4500	70.2	72.6	73.0	74.3	75.6	75.8	76.5	76.6	76.6	76.7	76.7	76.7	76.9	76.9	76.9	76.9
≥ 4000	71.3	73.7	74.3	75.6	76.9	77.2	78.1	78.2	78.2	78.3	78.3	78.3	78.5	78.5	78.5	78.5
≥ 3500	71.7	74.2	74.8	76.1	77.4	77.7	78.6	78.7	78.7	78.9	78.9	78.9	79.1	79.1	79.1	79.1
≥ 3000	72.5	75.4	76.3	77.6	78.9	79.2	80.4	80.5	80.5	80.8	80.8	80.8	81.0	81.0	81.0	81.0
≥ 2500	73.9	77.1	78.1	79.4	80.8	81.2	82.4	82.6	82.6	83.0	83.2	83.3	83.5	83.5	83.5	83.5
≥ 2000	75.5	79.0	80.0	81.4	82.9	83.4	84.8	85.3	85.3	86.0	86.3	86.5	86.8	86.8	86.8	86.8
≥ 1800	75.9	79.6	80.5	81.9	83.7	84.2	85.7	86.3	86.3	87.2	87.5	87.6	88.0	88.0	88.0	88.0
≥ 1500	77.8	82.3	83.2	84.6	86.8	87.3	88.8	89.5	89.5	90.4	91.2	91.3	91.7	91.7	91.7	91.7
≥ 1200	78.9	83.7	84.6	86.1	88.3	88.8	90.4	91.1	91.1	92.0	92.8	92.9	93.3	93.3	93.3	93.3
≥ 1000	79.6	85.1	86.2	87.8	90.2	90.8	92.5	93.1	93.1	94.2	95.1	95.2	95.6	95.6	95.6	95.6
≥ 900	79.9	85.7	86.9	88.6	91.1	91.6	93.3	94.0	94.0	95.1	95.9	96.0	96.5	96.5	96.5	96.5
≥ 800	80.3	86.5	87.6	89.4	92.0	92.6	94.3	94.9	94.9	96.0	96.9	97.1	97.5	97.5	97.8	97.8
≥ 700	80.3	86.6	87.7	89.5	92.2	92.7	94.4	95.1	95.1	96.1	97.0	97.4	97.8	97.8	98.2	98.2
≥ 600	80.3	86.8	88.0	89.7	92.5	93.0	94.7	95.4	95.4	96.5	97.3	97.8	98.4	98.4	98.7	98.7
≥ 500	80.6	87.4	88.7	90.4	93.2	93.8	95.5	96.1	96.1	97.2	98.2	98.7	99.2	99.4	99.7	99.7
≥ 400	80.6	87.5	88.8	90.5	93.3	93.9	95.6	96.2	96.2	97.3	98.3	98.8	99.6	99.5	99.8	99.8
≥ 300	80.6	87.5	88.8	90.5	93.3	93.9	95.6	96.2	96.2	97.3	98.3	98.8	99.6	99.7	100.0	100.0
≥ 200	80.6	87.5	88.8	90.5	93.3	93.9	95.6	96.2	96.2	97.3	98.3	98.8	99.6	99.7	100.0	100.0
≥ 100	80.6	87.5	88.8	90.5	93.3	93.9	95.6	96.2	96.2	97.3	98.3	98.8	99.6	99.7	100.0	100.0
≥ 0	80.6	87.5	88.8	90.5	93.3	93.9	95.6	96.2	96.2	97.3	98.3	98.8	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~72162~~ STATION ~~EAST SMITH ARPT~~ STATION NAME ~~UCT ARPT~~ ~~57-66~~ YEARS JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~1200-1700~~ LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.6	52.0	52.0	52.2	52.4	52.4	52.6	52.6	52.6	52.9	52.9	52.9	52.9	52.9	53.0	53.1
≥ 20000	54.2	55.6	55.6	55.8	56.0	56.0	56.2	56.3	56.3	56.7	56.9	56.9	56.9	56.9	57.1	57.1
≥ 18000	54.0	56.0	56.0	56.2	56.5	56.5	56.7	56.8	56.8	57.1	57.3	57.3	57.3	57.3	57.4	57.5
≥ 16000	54.6	56.0	56.0	56.2	56.5	56.5	56.7	56.8	56.8	57.1	57.3	57.3	57.3	57.3	57.4	57.5
≥ 14000	55.2	56.6	56.6	56.8	57.0	57.0	57.2	57.3	57.3	57.6	57.8	57.8	57.8	57.8	58.0	58.1
≥ 12000	57.8	59.4	59.4	59.6	59.8	59.8	60.0	60.1	60.1	60.4	60.6	60.6	60.6	60.6	60.8	60.9
≥ 10000	61.9	63.5	63.5	63.8	64.1	64.1	64.5	64.6	64.6	64.9	65.2	65.2	65.2	65.2	65.3	65.4
≥ 9000	63.8	65.4	65.4	65.7	66.0	66.0	66.3	66.6	66.6	66.9	67.1	67.1	67.1	67.1	67.2	67.3
≥ 8000	66.5	68.1	68.1	68.4	69.0	69.0	69.6	69.7	69.7	70.0	70.3	70.3	70.3	70.3	70.4	70.5
≥ 7000	69.6	71.2	71.5	72.0	72.9	72.9	73.5	73.8	73.8	74.1	74.4	74.4	74.4	74.4	74.5	74.6
≥ 6000	70.0	71.6	71.9	72.8	73.3	73.3	74.0	74.2	74.2	74.5	74.8	74.8	74.8	74.8	74.9	75.1
≥ 5000	70.8	72.8	73.3	73.9	74.8	74.8	75.5	75.7	75.7	76.0	76.3	76.3	76.3	76.3	76.5	76.6
≥ 4500	71.1	73.1	73.7	74.2	75.3	75.3	75.9	76.1	76.1	76.5	76.8	76.9	76.8	76.8	76.9	77.0
≥ 4000	71.8	74.1	74.8	75.5	76.7	76.7	77.4	77.5	77.5	77.8	78.2	78.2	78.2	78.2	78.3	78.4
≥ 3500	72.4	74.7	75.5	76.1	77.3	77.3	78.1	78.3	78.3	78.6	78.9	78.9	78.9	78.9	79.0	79.1
≥ 3000	73.0	75.5	76.5	77.3	78.7	78.7	79.6	79.8	79.8	80.1	80.4	80.4	80.4	80.4	80.5	80.6
≥ 2500	74.5	77.4	78.4	79.4	80.9	80.9	81.9	82.2	82.2	82.5	82.8	82.8	82.9	82.9	83.0	83.1
≥ 2000	76.0	79.7	80.6	81.6	83.2	83.2	84.3	84.6	84.6	85.1	85.5	85.5	85.7	85.7	85.8	85.9
≥ 1800	77.0	80.1	81.1	82.0	83.8	83.8	84.8	85.2	85.2	85.7	86.1	86.1	86.3	86.3	86.5	86.6
≥ 1500	78.1	82.0	83.0	84.1	85.9	85.9	87.1	87.7	87.7	88.3	89.4	89.4	89.6	89.6	89.7	89.8
≥ 1200	79.7	83.7	84.7	85.9	87.7	87.7	88.9	89.6	89.6	90.3	91.2	91.2	91.4	91.4	91.5	91.6
≥ 1000	80.3	84.8	85.9	87.2	89.2	89.2	90.5	91.2	91.2	91.9	93.1	93.2	93.5	93.5	93.7	93.9
≥ 900	80.4	85.2	86.3	87.6	89.8	89.8	91.1	91.7	91.8	92.7	93.9	94.0	94.2	94.3	94.4	94.6
≥ 800	80.9	85.7	87.0	88.3	90.5	90.5	92.0	92.7	92.9	93.8	95.2	95.3	95.6	95.6	95.9	96.1
≥ 700	81.2	86.3	87.6	88.9	91.2	91.2	92.7	93.3	93.5	94.4	95.9	96.1	96.5	96.5	96.8	97.0
≥ 600	81.3	86.9	88.2	89.6	91.8	91.8	93.3	94.0	94.2	95.1	96.6	96.8	97.4	97.4	97.7	98.0
≥ 500	81.8	87.6	88.9	90.3	92.6	92.6	94.1	94.7	94.9	96.0	97.6	98.0	98.7	98.7	99.0	99.2
≥ 400	81.8	87.6	88.9	90.3	92.6	92.6	94.1	94.7	94.9	96.1	97.7	98.1	98.9	98.9	99.2	99.5
≥ 300	81.8	87.6	88.9	90.3	92.6	92.6	94.1	94.7	94.9	96.1	97.7	98.1	99.0	99.0	99.5	99.7
≥ 200	81.8	87.6	88.9	90.3	92.6	92.6	94.1	94.7	94.9	96.1	97.7	98.1	99.1	99.1	99.6	99.8
≥ 100	81.8	87.6	88.9	90.3	92.6	92.6	94.1	94.7	94.9	96.1	97.7	98.1	99.1	99.1	99.7	100.0
≥ 0	81.8	87.6	88.9	90.3	92.6	92.6	94.1	94.7	94.9	96.1	97.7	98.1	99.1	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 940

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~0102~~ STATION ~~FORT SMITH NWS UNIT ARPT~~ STATION NAME ~~57-66~~ YEARS ~~JAN~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1600-1800~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.1	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.6	57.6	57.6	57.6	57.7	57.7
≥ 20000	58.4	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.9	59.2	59.2	59.2	59.2	59.4	59.4
≥ 18000	58.7	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.2	59.6	59.6	59.6	59.6	59.7	59.7
≥ 16000	58.8	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.4	59.7	59.7	59.7	59.7	59.8	59.8
≥ 14000	59.5	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.3	60.3	60.3	60.3	60.4	60.4
≥ 12000	61.3	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8	62.2	62.2	62.2	62.2	62.3	62.3
≥ 10000	64.5	64.8	64.8	65.1	65.4	65.4	65.5	65.5	65.5	65.6	65.9	65.9	65.9	65.9	66.0	66.0
≥ 9000	65.2	65.5	65.5	65.7	66.0	66.0	66.0	66.0	66.0	66.1	67.0	67.0	67.0	67.0	67.1	67.1
≥ 8000	67.7	68.1	68.1	68.3	68.6	68.6	69.0	69.1	69.1	69.5	69.8	69.8	69.8	69.8	69.9	69.9
≥ 7000	71.2	72.3	72.3	72.8	73.1	73.1	73.2	73.7	73.7	74.0	74.4	74.4	74.4	74.4	74.5	74.5
≥ 6000	71.4	72.6	72.9	73.2	73.5	73.5	74.0	74.1	74.1	74.4	74.8	74.8	74.8	74.8	74.9	74.9
≥ 5000	73.0	74.2	74.7	75.1	75.4	75.4	75.8	75.9	75.9	76.2	76.7	76.7	76.7	76.7	76.8	76.8
≥ 4500	73.9	75.1	75.6	75.9	76.2	76.2	76.7	76.8	76.8	77.1	77.5	77.5	77.5	77.5	77.6	77.6
≥ 4000	74.7	76.1	76.8	77.2	77.6	77.6	78.1	78.2	78.2	78.5	79.0	79.0	79.0	79.0	79.1	79.1
≥ 3500	75.2	76.8	77.5	78.3	78.7	78.7	79.1	79.2	79.2	79.6	80.1	80.1	80.1	80.1	80.2	80.2
≥ 3000	76.1	78.1	79.1	80.1	80.8	80.8	81.2	81.3	81.3	81.7	82.3	82.3	82.3	82.3	82.4	82.4
≥ 2500	76.9	78.9	80.0	81.0	81.6	81.6	82.4	82.5	82.5	82.9	83.4	83.4	83.4	83.4	83.5	83.5
≥ 2000	78.9	81.8	82.9	84.0	84.8	84.8	85.6	85.8	85.8	86.2	86.9	86.9	86.9	86.9	87.0	87.0
≥ 1800	80.0	83.2	84.3	85.4	86.3	86.3	87.1	87.3	87.3	88.0	88.6	88.6	88.6	88.6	88.7	88.7
≥ 1500	81.7	85.5	86.6	87.6	88.8	88.8	89.8	90.1	90.1	90.8	91.6	91.6	91.6	91.6	91.7	91.7
≥ 1200	83.5	87.6	88.7	89.8	91.1	91.1	92.2	92.5	92.6	93.5	94.4	94.4	94.4	94.4	94.5	94.5
≥ 1000	84.2	88.6	89.8	90.9	92.2	92.2	93.2	93.5	93.7	94.8	95.8	96.1	96.1	96.1	96.2	96.3
≥ 900	84.2	88.7	90.0	91.1	92.4	92.4	93.4	93.8	93.9	95.1	96.1	96.5	96.6	96.6	96.7	96.8
≥ 800	84.6	89.4	90.9	91.9	93.2	93.2	94.3	94.6	94.7	95.9	97.0	97.3	97.4	97.4	97.5	97.6
≥ 700	84.6	89.6	91.1	92.2	93.4	93.4	94.6	94.9	95.1	96.2	97.3	97.6	97.7	97.7	97.8	98.0
≥ 600	84.7	89.8	91.3	92.4	93.7	93.7	94.8	95.2	95.3	96.7	97.7	98.1	98.2	98.2	98.3	98.4
≥ 500	84.8	90.3	91.8	92.9	94.2	94.2	95.4	95.7	95.8	97.2	98.5	98.9	99.5	99.5	99.6	99.7
≥ 400	84.8	90.3	91.8	92.9	94.2	94.2	95.4	95.7	95.8	97.2	98.5	98.9	99.5	99.5	99.6	99.7
≥ 300	84.8	90.3	91.8	92.9	94.2	94.2	95.4	95.7	95.8	97.2	98.6	99.0	99.6	99.6	99.7	99.8
≥ 200	84.8	90.3	91.8	92.9	94.2	94.2	95.4	95.7	95.8	97.2	98.6	99.0	99.6	99.6	99.7	99.8
≥ 100	84.8	90.3	91.8	92.9	94.2	94.2	95.4	95.7	95.8	97.2	98.6	99.0	99.6	99.6	99.9	100.0
≥ 0	84.8	90.3	91.8	92.9	94.2	94.2	95.4	95.7	95.8	97.2	98.6	99.0	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

1 USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~1 JUL 2~~ STATION ~~FORT SMITH ARK INT'L APT~~ STATION NAME ~~57-66~~ YEARS ~~JAN~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~2100-2700~~ (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.5	58.1	58.2	58.3	58.4	58.4	58.7	59.1	59.1	59.4	59.4	59.4	59.5	59.5	59.5	59.5
≥ 20000	58.3	58.9	59.0	59.1	59.2	59.2	59.6	60.0	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.3
≥ 18000	58.6	59.2	59.4	59.5	59.6	59.6	59.9	60.3	60.3	60.5	60.5	60.5	60.6	60.6	60.6	60.6
≥ 16000	58.6	59.4	59.5	59.6	59.7	59.7	60.0	60.4	60.4	60.6	60.6	60.6	60.8	60.8	60.8	60.8
≥ 14000	58.9	59.7	59.8	59.9	60.0	60.0	60.3	60.8	60.8	61.0	61.0	61.0	61.1	61.1	61.1	61.1
≥ 12000	59.7	60.4	60.5	60.6	60.8	60.8	61.1	61.5	61.5	61.7	61.7	61.7	61.8	61.8	61.8	61.8
≥ 10000	62.6	63.3	63.4	63.7	63.8	63.8	64.1	64.5	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.8
≥ 9000	63.2	64.0	64.1	64.3	64.4	64.4	64.8	65.4	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.7
≥ 8000	65.3	66.3	66.6	66.8	66.9	66.9	67.3	68.0	68.0	68.3	68.3	68.3	68.4	68.4	68.4	68.4
≥ 7000	68.4	69.9	70.2	70.4	70.5	70.5	71.0	71.6	71.6	71.9	72.0	72.0	72.2	72.2	72.2	72.2
≥ 6000	69.0	70.8	71.1	71.3	71.5	71.5	71.9	72.6	72.6	72.9	73.0	73.0	73.1	73.1	73.1	73.1
≥ 5000	71.1	72.9	73.4	73.7	73.9	73.9	74.4	74.9	74.9	75.3	75.4	75.4	75.5	75.5	75.5	75.5
≥ 4500	71.5	73.3	73.9	74.1	74.3	74.3	74.7	75.4	75.4	75.7	75.8	75.8	75.9	75.9	75.9	75.9
≥ 4000	73.2	75.2	75.8	76.2	76.5	76.5	76.9	77.5	77.5	78.0	78.1	78.1	78.2	78.2	78.2	78.2
≥ 3500	73.7	75.8	76.8	77.2	77.4	77.4	77.8	78.5	78.5	79.0	79.1	79.1	79.2	79.2	79.2	79.2
≥ 3000	74.9	77.3	78.4	79.0	79.2	79.2	79.7	80.3	80.3	81.0	81.1	81.1	81.2	81.2	81.2	81.2
≥ 2500	75.7	78.2	79.4	80.1	80.3	80.3	81.1	81.7	81.7	82.4	82.5	82.5	82.6	82.6	82.6	82.6
≥ 2000	77.0	80.8	82.0	83.0	83.4	83.4	84.2	84.8	84.8	85.6	85.9	85.9	86.0	86.0	86.0	86.0
≥ 1800	78.4	81.7	83.1	84.1	84.5	84.5	85.3	85.9	85.9	86.7	87.1	87.1	87.2	87.2	87.2	87.2
≥ 1500	80.2	83.9	85.4	86.3	86.8	86.8	87.8	88.6	88.6	89.4	89.8	89.8	89.9	89.9	89.9	89.9
≥ 1200	82.8	86.6	88.1	89.1	89.8	89.8	91.1	91.8	91.8	92.6	93.4	93.4	93.7	93.7	93.7	93.7
≥ 1000	83.9	88.0	89.5	90.5	91.2	91.2	92.6	93.4	93.5	94.4	95.2	95.2	95.5	95.5	95.5	95.5
≥ 900	84.1	88.3	89.8	90.9	91.5	91.5	93.1	94.0	94.1	94.9	95.9	95.9	96.1	96.1	96.1	96.1
≥ 800	84.2	88.4	89.9	91.1	91.9	91.9	93.5	94.4	94.8	95.4	96.2	96.2	96.6	96.6	96.6	96.6
≥ 700	84.4	89.0	90.5	91.8	92.7	92.7	94.3	95.2	95.3	96.1	97.1	97.1	97.3	97.3	97.3	97.3
≥ 600	84.9	89.8	91.3	92.6	93.4	93.4	95.1	95.9	96.0	97.1	98.1	98.1	98.4	98.4	98.4	98.4
≥ 500	85.4	90.4	91.9	93.3	94.2	94.2	95.8	96.8	96.9	98.0	98.9	98.9	99.2	99.2	99.2	99.2
≥ 400	85.4	90.5	92.0	93.4	94.3	94.3	95.9	96.9	97.0	98.1	99.0	99.0	99.3	99.3	99.3	99.3
≥ 300	85.4	90.5	92.0	93.5	94.4	94.4	96.0	97.0	97.1	98.2	99.1	99.1	99.4	99.4	99.4	99.4
≥ 200	85.4	90.5	92.0	93.5	94.4	94.4	96.0	97.0	97.1	98.2	99.1	99.1	99.4	99.4	99.4	99.4
≥ 100	85.4	90.5	92.0	93.5	94.4	94.4	96.0	97.0	97.1	98.2	99.1	99.1	99.4	99.4	99.9	99.9
≥ 0	85.4	90.5	92.0	93.5	94.4	94.4	96.0	97.0	97.1	98.2	99.1	99.1	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 910

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~24102~~ STATION ~~EAST SMITH~~ STATION NAME ~~AFB~~ 57-66 YEARS ~~FEB~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0000-0300~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.2
≥ 20000	62.3	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.1
≥ 18000	62.3	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.1
≥ 16000	62.4	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.2
≥ 14000	63.5	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.5
≥ 12000	64.2	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.4	65.4
≥ 10000	67.0	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.2
≥ 9000	70.0	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.3
≥ 8000	73.0	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.6
≥ 7000	76.0	77.7	78.1	78.3	78.6	78.6	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.1
≥ 6000	77.8	79.4	79.9	80.0	80.5	80.5	80.7	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	81.0
≥ 5000	78.3	80.0	80.6	80.7	81.2	81.2	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.7
≥ 4500	78.7	80.5	81.1	81.2	81.7	81.7	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.2
≥ 4000	79.6	81.7	82.3	82.4	82.9	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3
≥ 3500	80.0	82.5	83.5	83.6	84.0	84.0	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5
≥ 3000	80.6	83.6	84.5	84.6	85.1	85.1	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.6
≥ 2500	82.0	85.3	86.3	86.4	87.1	87.1	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6
≥ 2000	82.0	86.1	87.6	87.9	88.9	89.0	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.5
≥ 1800	83.3	86.8	88.3	88.7	89.7	89.8	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3
≥ 1500	84.2	87.6	89.1	89.5	90.7	90.8	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.6
≥ 1200	86.1	89.5	91.3	91.6	93.3	93.5	94.2	94.2	94.2	94.3	94.4	94.4	94.7	94.7	94.7	94.8
≥ 1000	86.8	90.2	92.0	92.3	94.0	94.2	94.9	95.0	95.0	95.3	95.4	95.4	95.6	95.6	95.6	95.7
≥ 900	87.1	90.8	92.7	93.1	94.8	95.0	95.7	95.9	95.9	96.1	96.2	96.2	96.5	96.5	96.5	96.6
≥ 800	87.6	91.3	93.1	93.6	95.3	95.5	96.2	96.3	96.3	96.7	96.8	96.8	97.0	97.0	97.0	97.2
≥ 700	87.7	91.5	93.5	94.0	95.6	95.9	96.6	96.7	96.7	97.0	97.2	97.2	97.4	97.4	97.4	97.5
≥ 600	88.3	92.1	94.1	94.6	96.2	96.3	97.2	97.3	97.3	97.8	97.9	97.9	98.2	98.2	98.2	98.3
≥ 500	88.4	92.2	94.2	94.7	96.3	96.6	97.3	97.4	97.4	97.9	98.0	98.0	98.3	98.3	98.3	98.5
≥ 400	88.8	92.6	94.6	95.2	96.8	97.0	97.8	97.9	97.9	98.3	98.5	98.5	98.8	98.8	98.8	98.9
≥ 300	89.1	92.9	94.9	95.5	97.2	97.4	98.1	98.2	98.2	98.7	98.8	98.8	99.2	99.2	99.2	99.3
≥ 200	89.2	93.0	95.0	95.6	97.3	97.5	98.6	98.7	98.7	99.2	99.3	99.3	99.6	99.6	99.6	99.8
≥ 100	89.2	93.0	95.0	95.6	97.3	97.5	98.6	98.7	98.7	99.2	99.3	99.3	99.8	99.8	99.8	99.9
≥ 0	89.2	93.0	95.0	95.6	97.3	97.5	98.6	98.7	98.7	99.2	99.3	99.3	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20102 STATION | FORT SMITH MUNI ARPT STATION NAME | 57-66 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5 16	≥ ¼	≥ 0
NO CEILING	57.1	57.7	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.5
≥ 20000	57.4	58.3	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.1
≥ 18000	57.4	58.3	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.1
≥ 16000	57.7	58.5	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.3
≥ 14000	58.6	59.5	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.3
≥ 12000	59.8	60.6	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.5
≥ 10000	62.8	63.6	64.1	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.8
≥ 9000	65.4	66.4	66.9	67.0	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.8
≥ 8000	68.3	69.9	70.3	70.7	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.6
≥ 7000	72.0	73.9	74.5	74.8	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	76.0
≥ 6000	73.3	75.2	75.8	76.1	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4
≥ 5000	74.7	76.7	77.3	77.9	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.2
≥ 4500	75.2	77.2	78.1	78.5	79.1	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.9
≥ 4000	75.9	78.3	79.2	79.6	80.1	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	81.0
≥ 3500	76.2	78.8	79.8	80.1	80.7	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.6
≥ 3000	77.3	80.5	81.4	81.8	82.4	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.3
≥ 2500	78.3	81.8	82.7	83.5	84.0	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	85.0
≥ 2000	79.0	83.1	84.0	84.8	85.8	86.2	86.6	86.6	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.5
≥ 1800	80.3	83.9	84.9	85.6	86.8	87.1	87.6	87.6	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.4
≥ 1500	81.9	85.6	86.5	87.4	88.5	88.9	89.8	89.8	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.7
≥ 1200	83.9	87.8	88.8	89.7	91.1	91.5	92.6	92.6	92.6	93.1	93.1	93.1	93.5	93.5	93.5	93.9
≥ 1000	84.8	88.7	89.6	90.5	92.1	92.4	93.7	93.7	93.7	94.6	94.6	94.6	94.9	94.9	94.9	95.3
≥ 900	85.6	89.8	90.8	91.7	93.3	93.6	94.9	94.9	94.9	95.7	95.7	95.7	96.1	96.1	96.1	96.5
≥ 800	85.6	89.8	90.8	91.7	93.3	93.6	94.9	94.9	94.9	95.9	95.9	95.9	96.2	96.2	96.2	96.6
≥ 700	85.6	89.8	91.0	92.0	93.5	93.9	95.2	95.2	95.2	96.1	96.1	96.1	96.6	96.6	96.6	96.9
≥ 600	86.1	90.3	91.6	92.6	94.1	94.4	95.7	95.7	95.7	97.0	97.0	97.0	97.6	97.6	97.6	98.0
≥ 500	86.1	90.4	91.7	92.7	94.2	94.6	95.9	95.9	95.9	97.2	97.2	97.2	97.8	97.8	97.8	98.1
≥ 400	86.6	91.0	92.3	93.3	94.8	95.2	96.5	96.5	96.5	97.8	97.8	97.8	98.3	98.3	98.3	98.7
≥ 300	87.0	91.4	92.7	93.6	95.2	95.5	96.8	96.8	96.8	98.1	98.1	98.1	98.7	98.7	98.7	99.1
≥ 200	87.0	91.4	92.8	93.7	95.4	95.7	97.2	97.2	97.2	98.5	98.5	98.5	99.1	99.1	99.1	99.4
≥ 100	87.1	91.5	92.9	93.9	95.5	95.9	97.3	97.3	97.3	98.6	98.6	98.6	99.2	99.2	99.2	99.5
≥ 0	87.4	91.7	93.1	94.1	95.7	96.1	97.5	97.5	97.5	98.8	98.8	98.8	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~24 to 2~~ ~~EIGHT SMITH AFB DOT AFB~~ STATION NAME ~~57-66~~ YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0600-0800~~ (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.5	54.3	54.6	54.7	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.6	55.6	55.7	55.7
≥ 20000	54.3	55.2	55.4	55.7	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.6	56.6
≥ 18000	54.3	55.3	55.4	55.7	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.6	56.6
≥ 16000	54.3	55.3	55.4	55.7	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.6	56.6
≥ 14000	54.8	55.9	56.0	56.3	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.2	57.2
≥ 12000	55.7	56.7	56.9	57.1	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.9	57.9	58.0	58.0
≥ 10000	59.1	60.3	60.5	61.0	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.9	61.9	62.1	62.1
≥ 9000	61.7	62.9	63.1	63.6	64.4	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.9	64.9
≥ 8000	65.6	66.9	67.1	67.8	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.1	69.1
≥ 7000	69.9	71.7	72.2	73.2	74.5	74.6	74.7	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.2	75.2
≥ 6000	70.6	72.5	73.3	74.2	75.5	75.7	75.8	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.2	76.2
≥ 5000	71.9	73.8	74.8	75.9	77.2	77.3	77.4	77.5	77.5	77.7	77.7	77.7	77.8	77.8	77.9	77.9
≥ 4500	71.9	73.8	74.8	75.9	77.2	77.3	77.4	77.5	77.5	77.7	77.7	77.7	77.8	77.8	77.9	77.9
≥ 4000	72.7	75.3	76.4	77.6	78.7	78.8	79.0	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.4	79.4
≥ 3500	73.3	75.9	77.0	78.0	79.3	79.4	79.6	79.7	79.7	79.8	79.8	79.8	79.9	79.9	80.0	80.0
≥ 3000	74.6	77.8	78.8	79.9	81.4	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.2	82.2	82.3	82.3
≥ 2500	75.9	79.1	80.1	81.6	83.1	83.3	83.6	83.7	83.7	83.8	83.8	83.8	83.9	83.9	84.0	84.0
≥ 2000	77.2	80.5	81.6	83.0	84.5	85.0	85.5	85.6	85.6	86.1	86.1	86.1	86.2	86.2	86.3	86.3
≥ 1800	77.3	80.6	81.7	83.1	84.9	85.3	85.8	85.9	85.9	86.4	86.5	86.5	86.6	86.6	86.8	86.8
≥ 1500	79.8	83.2	84.3	85.8	87.8	88.3	88.9	89.0	89.1	89.8	90.0	90.0	90.1	90.1	90.2	90.2
≥ 1200	81.7	85.7	86.8	88.5	90.9	91.4	92.1	92.2	92.3	93.1	93.3	93.3	93.4	93.4	93.5	93.5
≥ 1000	82.9	87.0	88.1	89.8	92.4	92.9	93.6	93.9	94.0	94.9	95.0	95.0	95.2	95.3	95.4	95.4
≥ 900	83.3	87.7	88.8	90.5	93.1	93.6	94.4	94.7	94.8	95.7	95.9	95.9	96.1	96.1	96.2	96.2
≥ 800	83.3	87.7	88.8	90.5	93.3	93.7	94.6	94.8	94.9	95.9	96.0	96.0	96.2	96.2	96.3	96.3
≥ 700	83.7	88.1	89.1	90.9	93.7	94.2	95.0	95.3	95.4	96.6	96.7	96.7	97.0	97.0	97.2	97.2
≥ 600	83.7	88.1	89.1	90.9	93.7	94.2	95.2	95.4	95.5	96.7	96.8	96.8	97.2	97.2	97.3	97.3
≥ 500	83.8	89.3	89.7	91.5	94.3	94.8	95.7	96.0	96.1	97.3	97.4	97.4	97.8	97.8	98.0	98.0
≥ 400	84.0	88.7	90.1	91.8	94.7	95.2	96.1	96.3	96.5	97.6	97.8	97.8	98.1	98.1	98.3	98.3
≥ 300	84.5	89.5	90.9	92.7	95.5	96.0	96.9	97.2	97.3	98.5	98.6	98.6	98.9	98.9	99.2	99.2
≥ 200	84.8	89.7	91.1	92.9	95.7	96.2	97.2	97.4	97.5	98.7	98.8	98.8	99.3	99.3	99.5	99.5
≥ 100	84.8	89.7	91.1	92.9	95.9	96.3	97.3	97.5	97.6	98.8	98.9	98.9	99.5	99.5	99.8	99.8
0	84.8	89.7	91.1	92.9	95.9	96.3	97.3	97.5	97.6	98.8	98.9	98.9	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS ~~8466~~

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION | [redacted] STATION NAME | 57-66 YEARS | [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] HOUR (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ 4	≥ 0
NO CEILING	49.4	50.5	50.7	50.9	50.9	50.9	51.1	51.1	51.1	51.4	51.7	51.7	51.8	51.8	51.8	51.8
≥ 20000	52.5	53.2	53.4	53.7	53.7	53.7	53.8	53.8	54.2	54.1	54.6	54.4	54.5	54.5	54.5	54.5
≥ 18000	52.8	53.5	53.8	54.0	54.0	54.0	54.1	54.1	54.1	54.5	54.7	54.7	54.8	54.8	54.8	54.8
≥ 16000	53.0	53.7	54.0	54.1	54.1	54.1	54.3	54.3	54.3	54.6	54.8	54.8	55.0	55.0	55.0	55.0
≥ 14000	53.5	54.3	54.5	54.7	54.7	54.7	54.8	54.8	54.8	55.2	55.4	55.4	55.6	55.6	55.6	55.6
≥ 12000	54.0	54.7	55.0	55.2	55.2	55.2	55.4	55.3	55.3	55.7	55.9	55.9	56.0	56.0	56.0	56.0
≥ 10000	58.3	59.1	59.3	59.6	59.7	59.7	59.8	59.8	59.8	60.2	60.4	60.4	60.5	60.5	60.5	60.5
≥ 9000	60.0	61.0	61.2	61.5	61.6	61.6	61.7	61.7	61.7	62.1	62.3	62.3	62.4	62.4	62.4	62.4
≥ 8000	66.1	67.3	67.7	68.1	68.3	68.4	68.6	68.7	68.7	69.0	69.4	69.4	69.5	69.5	69.5	69.5
≥ 7000	70.6	72.5	73.0	73.6	74.1	74.2	74.5	74.7	74.7	75.2	75.5	75.5	75.7	75.7	75.7	75.7
≥ 6000	71.0	73.2	73.8	74.3	74.9	75.1	75.3	75.5	75.5	76.0	76.4	76.4	76.5	76.5	76.5	76.5
≥ 5000	72.3	74.6	75.2	75.8	76.6	76.7	77.1	77.3	77.3	77.8	78.1	78.1	78.3	78.3	78.3	78.3
≥ 4500	72.7	75.2	75.8	76.4	77.2	77.3	77.7	77.9	77.9	78.4	78.7	78.7	78.8	78.8	78.8	78.8
≥ 4000	73.5	76.0	76.6	77.2	78.0	78.1	78.6	78.8	78.8	79.3	79.7	79.7	79.8	79.8	79.8	79.8
≥ 3500	74.1	76.7	77.3	77.9	78.8	79.0	79.4	79.7	79.7	80.1	80.5	80.5	80.6	80.6	80.6	80.6
≥ 3000	75.8	78.6	79.2	79.8	81.1	81.2	81.8	82.0	82.0	82.5	82.9	82.9	83.0	83.0	83.0	83.0
≥ 2500	77.0	79.9	80.6	81.3	82.6	82.7	83.3	83.6	83.6	84.0	84.4	84.4	84.5	84.5	84.5	84.5
≥ 2000	78.4	81.7	82.4	83.1	84.5	84.6	85.3	85.6	85.6	86.5	86.9	86.9	87.1	87.1	87.1	87.1
≥ 1800	78.5	82.0	82.7	83.5	84.9	85.0	85.7	85.9	85.9	86.9	87.2	87.2	87.5	87.5	87.5	87.5
≥ 1500	79.4	83.5	84.2	85.0	86.5	86.6	87.6	87.8	87.8	89.0	89.4	89.4	89.6	89.6	89.6	89.6
≥ 1200	80.6	84.8	85.5	86.3	87.9	88.2	89.5	89.7	89.7	91.4	91.7	91.8	92.3	92.3	92.3	92.3
≥ 1000	81.4	85.9	86.8	87.7	89.4	89.6	91.1	91.7	91.7	93.5	94.1	94.3	95.0	95.0	95.0	95.0
≥ 900	82.0	86.6	87.5	88.4	90.1	90.3	91.8	92.4	92.4	94.2	94.8	95.0	95.7	95.7	95.7	95.7
≥ 800	82.3	87.0	87.8	88.8	90.5	90.6	92.4	93.0	93.0	94.8	95.4	95.6	96.5	96.5	96.5	96.5
≥ 700	82.4	87.4	88.2	89.1	90.9	91.1	92.9	93.5	93.5	95.3	96.0	96.2	97.2	97.2	97.2	97.2
≥ 600	82.6	87.6	88.4	89.4	91.1	91.4	93.1	93.7	93.7	95.7	96.5	96.7	97.6	97.6	97.6	97.6
≥ 500	83.1	88.3	89.1	90.1	92.0	92.2	94.0	94.6	94.8	96.8	97.5	97.8	98.7	98.8	98.8	98.8
≥ 400	83.3	88.7	89.5	90.4	92.3	92.6	94.3	95.2	95.2	97.3	98.0	98.2	99.2	99.3	99.3	99.3
≥ 300	83.7	89.0	89.8	90.8	92.7	92.9	94.7	95.5	95.5	97.8	98.5	98.7	99.6	99.8	99.8	99.8
≥ 200	83.8	89.1	90.0	90.9	92.8	93.0	94.8	95.6	95.6	97.9	98.6	98.8	99.8	99.9	99.9	99.9
≥ 100	83.8	89.1	90.0	90.9	92.8	93.0	94.8	95.6	95.6	97.9	98.6	98.8	99.8	99.9	100.0	100.0
≥ 0	83.8	89.1	90.0	90.9	92.8	93.0	94.8	95.6	95.6	97.9	98.6	98.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [redacted] 846

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

ATR PRESSURE DIVISION
SAF ETAC
[illegible] EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION NAME [illegible] 57-66 YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] 1400 thru 1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	54.5	55.1	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
	57.8	58.9	59.1	59.1	59.1	59.1	59.4	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 18000 ≥ 16000	58.2	59.1	59.3	59.3	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
	58.5	59.5	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 14000 ≥ 12000	59.0	59.9	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
	59.8	60.9	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 10000 ≥ 9000	64.5	66.1	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
	66.8	68.3	68.6	68.6	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 8000 ≥ 7000	70.1	72.1	72.5	72.5	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
	73.8	76.2	76.8	77.1	77.7	77.7	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 6000 ≥ 5000	74.7	77.4	78.0	78.4	79.0	79.0	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
	75.3	78.4	79.0	79.3	79.9	79.9	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4500 ≥ 4000	75.4	79.5	79.1	79.4	80.0	80.0	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
	76.5	79.7	80.3	80.7	81.3	81.3	81.9	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500 ≥ 3000	76.7	79.9	80.5	81.0	81.6	81.6	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4
	77.4	80.7	81.6	82.0	82.9	82.9	83.8	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2500 ≥ 2000	79.0	82.4	83.5	83.9	84.9	84.9	85.8	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4
	80.9	84.6	85.8	86.3	87.4	87.4	88.4	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1800 ≥ 1500	81.1	84.9	86.1	86.5	87.6	87.6	88.8	89.0	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5
	81.7	85.6	86.8	87.5	88.5	88.5	89.8	90.1	90.1	90.5	90.5	90.5	90.7	90.7	90.7	90.7
≥ 1200 ≥ 1000	82.5	86.6	88.2	88.9	90.3	90.7	92.1	92.4	92.4	93.1	93.3	93.5	93.6	93.6	93.6	93.6
	83.1	87.6	89.2	90.2	91.4	91.7	93.1	93.7	93.7	94.7	94.8	95.2	95.3	95.3	95.3	95.3
≥ 900 ≥ 800	84.3	88.6	90.5	91.3	92.7	93.0	94.4	95.0	95.0	96.0	96.1	96.5	96.6	96.6	96.6	96.6
	84.3	88.8	90.5	91.3	92.8	93.1	94.6	95.4	95.4	96.5	96.6	96.9	97.2	97.2	97.2	97.2
≥ 700 ≥ 600	84.6	89.1	90.9	91.6	93.1	93.5	94.9	95.7	95.7	96.8	96.9	97.3	97.5	97.5	97.5	97.5
	85.1	89.6	91.4	92.1	93.7	94.1	95.5	96.3	96.3	97.4	97.5	97.9	98.2	98.2	98.2	98.2
≥ 500 ≥ 400	85.9	90.4	92.2	92.9	94.7	95.0	96.5	97.3	97.3	98.3	98.5	98.8	99.4	99.4	99.4	99.4
	85.9	90.4	92.2	92.9	94.8	95.2	96.6	97.4	97.4	98.5	98.6	98.9	99.5	99.5	99.5	99.5
≥ 300 ≥ 200	85.9	90.4	92.2	93.0	95.0	95.4	96.8	97.6	97.6	98.7	98.8	99.2	99.8	99.8	99.8	99.8
	85.9	90.4	92.2	93.0	95.0	95.4	96.8	97.6	97.6	98.7	98.8	99.2	100.0	100.0	100.0	100.0
≥ 100 0	85.9	90.4	92.2	93.0	95.0	95.4	96.8	97.6	97.6	98.7	98.8	99.2	100.0	100.0	100.0	100.0
	85.9	90.4	92.2	93.0	95.0	95.4	96.8	97.6	97.6	98.7	98.8	99.2	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] YEARS 57-66 MONTH [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	55.9	59.4	60.5	60.5	60.6	60.6	60.7	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 20000	60.9	61.8	61.9	61.9	62.1	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 18000	60.9	61.8	61.9	61.9	62.1	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 16000	61.0	61.9	62.1	62.1	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 14000	61.7	62.6	62.8	62.8	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 12000	62.4	63.3	63.6	63.6	63.7	63.7	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 10000	66.7	67.7	67.8	67.8	68.0	68.0	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 9000	70.0	71.3	71.4	71.4	71.5	71.5	71.6	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 8000	73.9	75.7	75.8	75.8	76.0	76.0	76.1	76.1	76.1	76.4	76.6	76.6	76.6	76.6	76.6	76.6
≥ 7000	76.6	78.8	79.0	79.0	79.2	79.2	79.3	79.3	79.3	79.6	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000	78.3	80.7	80.9	81.0	81.2	81.2	81.3	81.3	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8
≥ 5000	79.1	81.6	81.8	81.9	82.2	82.2	82.3	82.3	82.3	82.5	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4500	80.0	82.5	82.7	83.0	83.2	83.2	83.3	83.3	83.3	83.6	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4000	81.1	83.7	83.9	84.2	84.4	84.4	84.5	84.5	84.5	84.8	85.0	85.0	85.1	85.1	85.1	85.1
≥ 3500	81.4	84.3	84.5	84.8	85.0	85.0	85.1	85.1	85.1	85.3	85.6	85.6	85.7	85.7	85.7	85.7
≥ 3000	82.5	85.3	85.6	86.2	86.5	86.5	86.6	86.6	86.6	86.9	87.1	87.1	87.2	87.2	87.2	87.2
≥ 2500	83.8	86.6	87.4	87.7	88.2	88.2	88.3	88.3	88.3	88.7	88.9	88.9	89.0	89.0	89.0	89.0
≥ 2000	85.5	88.7	89.1	89.6	90.1	90.1	90.2	90.2	90.2	90.7	91.1	91.4	91.5	91.5	91.5	91.5
≥ 1800	85.9	89.1	89.6	90.1	90.5	90.5	91.0	91.1	91.1	91.6	91.8	91.8	92.0	92.0	92.0	92.0
≥ 1500	86.5	89.8	90.5	91.0	91.6	91.6	92.1	92.3	92.3	92.9	93.6	93.6	93.7	93.7	93.7	93.7
≥ 1200	87.2	90.8	91.7	92.3	93.0	93.1	94.1	94.3	94.3	95.2	96.0	96.0	96.1	96.1	96.1	96.1
≥ 1000	87.7	91.3	92.2	92.8	93.5	93.6	94.8	95.0	95.0	96.0	96.8	96.8	97.2	97.2	97.2	97.2
≥ 900	88.3	91.8	92.8	93.4	94.1	94.2	95.5	95.7	95.7	96.8	97.6	97.6	98.0	98.0	98.0	98.0
≥ 800	88.4	92.0	92.9	93.5	94.2	94.3	95.6	95.9	95.9	96.9	97.9	97.9	98.5	98.5	98.5	98.5
≥ 700	88.4	92.0	92.9	93.5	94.2	94.3	95.6	95.9	95.9	97.0	98.0	98.0	98.6	98.6	98.6	98.6
≥ 600	88.9	92.4	93.4	94.0	94.7	94.8	96.1	96.3	96.3	97.5	98.5	98.5	99.1	99.1	99.1	99.1
≥ 500	89.5	93.0	94.0	94.6	95.3	95.4	96.7	96.9	96.9	98.1	99.1	99.1	99.6	99.6	99.6	99.6
≥ 400	89.5	93.0	94.0	94.6	95.3	95.4	96.7	96.9	96.9	98.1	99.1	99.1	99.6	99.6	99.6	99.6
≥ 300	89.5	93.1	94.2	94.8	95.5	95.6	96.9	97.2	97.2	98.3	99.3	99.3	99.9	99.9	99.9	99.9
≥ 200	89.5	93.1	94.2	94.8	95.5	95.6	96.9	97.2	97.2	98.3	99.3	99.3	100.0	100.0	100.0	100.0
≥ 100	89.5	93.1	94.2	94.8	95.5	95.6	96.9	97.2	97.2	98.3	99.3	99.3	100.0	100.0	100.0	100.0
≥ 0	89.5	93.1	94.2	94.8	95.5	95.6	96.9	97.2	97.2	98.3	99.3	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 946

DATA PROCESSING DIVISION
USAF ETAC
USAF ETAC FORM 0/AC

2

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME 57-66 YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted]

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4
≥ 20000	59.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1
≥ 18000	59.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2
≥ 16000	60.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3
≥ 14000	61.1	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6
≥ 12000	62.8	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3
≥ 10000	64.6	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3
≥ 9000	67.7	69.3	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.9	69.9
≥ 8000	72.3	74.1	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.1	75.1
≥ 7000	76.5	78.0	79.4	79.7	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
≥ 6000	77.3	79.8	80.3	80.5	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2
≥ 5000	78.7	81.2	81.7	81.9	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.9
≥ 4500	79.2	81.8	82.3	82.5	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.5	83.5
≥ 4000	81.1	83.9	84.4	84.8	85.3	85.3	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.7	85.7
≥ 3500	82.0	84.9	85.3	85.7	86.3	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.8	86.8
≥ 3000	86.4	87.2	87.7	88.2	88.9	89.0	89.1	89.1	89.1	89.2	89.4	89.4	89.4	89.4	89.5	89.5
≥ 2500	88.1	88.1	88.9	89.4	90.2	90.3	90.4	90.4	90.4	90.5	90.7	90.7	90.7	90.7	90.8	90.8
≥ 2000	89.4	89.7	90.7	91.1	92.1	92.2	92.6	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.9	92.9
≥ 1800	90.6	90.0	90.9	91.4	92.3	92.4	92.9	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.3	93.3
≥ 1500	91.6	91.0	92.1	92.6	93.5	93.6	94.2	94.4	94.4	94.8	95.2	95.2	95.2	95.2	95.4	95.4
≥ 1200	92.5	92.1	93.3	93.7	94.8	94.9	95.5	95.7	95.7	96.1	96.5	96.5	96.5	96.5	96.7	96.7
≥ 1000	92.9	92.6	94.0	94.4	95.7	95.9	96.5	96.7	96.7	97.0	97.5	97.5	97.5	97.5	97.6	97.6
≥ 900	93.1	92.8	94.2	94.7	96.0	96.1	96.7	96.9	96.9	97.3	97.8	97.8	97.8	97.8	98.0	98.0
≥ 800	93.1	92.8	94.2	94.7	96.0	96.1	96.7	96.9	96.9	97.3	97.8	97.8	97.8	97.8	98.0	98.0
≥ 700	93.4	93.0	94.6	95.0	96.3	96.5	97.0	97.3	97.3	97.6	98.1	98.1	98.1	98.1	98.3	98.3
≥ 600	93.6	93.3	94.8	95.3	96.7	96.8	97.4	97.6	97.6	98.0	98.5	98.5	98.5	98.5	98.7	98.7
≥ 500	96.2	93.9	95.4	95.9	97.3	97.4	98.0	98.2	98.2	98.6	99.1	99.1	99.1	99.1	99.3	99.3
≥ 400	96.3	94.2	95.7	96.2	97.6	97.8	98.3	98.6	98.6	98.9	99.4	99.4	99.4	99.4	99.6	99.6
≥ 300	96.5	94.2	95.7	96.2	97.6	97.8	98.3	98.6	98.6	98.9	99.4	99.4	99.4	99.4	99.6	99.6
≥ 200	96.5	94.2	95.7	96.2	97.6	97.8	98.3	98.6	98.6	99.1	99.5	99.5	99.6	99.6	99.9	99.9
≥ 100	96.5	94.2	95.7	96.2	97.6	97.8	98.3	98.6	98.6	99.1	99.5	99.5	99.6	99.6	99.9	99.9
≥ 0	96.5	94.2	95.7	96.2	97.6	97.8	98.3	98.6	98.6	99.1	99.5	99.5	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~21067~~ FORT SMITH M.U. WBAS ARK 57-66 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~21067-63067~~

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	60.5	60.6	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
	62.5	62.6	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 18000 ≥ 16000	62.5	62.6	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
	64.5	64.6	65.1	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000 ≥ 12000	63.7	63.8	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
	65.7	65.8	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000 ≥ 9000	67.5	67.7	68.4	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
	69.9	70.1	70.8	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 8000 ≥ 7000	72.6	73.3	74.1	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
	76.5	77.7	78.5	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000 ≥ 5000	77.7	79.8	79.7	79.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
	78.5	79.7	80.5	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500 ≥ 4000	78.6	79.8	80.6	80.9	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
	79.8	81.0	81.9	82.2	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500 ≥ 3000	80.3	81.6	82.5	82.7	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
	81.9	83.5	84.5	84.8	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2500 ≥ 2000	84.2	86.1	87.1	87.5	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
	85.3	87.5	88.7	89.4	90.4	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.9	90.9	90.9	90.9
≥ 1800 ≥ 1500	86.2	88.2	89.4	90.1	91.1	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.8	91.8	91.8	91.8
	87.6	89.8	91.4	92.1	93.3	93.4	93.5	93.9	93.9	94.0	94.0	94.0	94.2	94.2	94.2	94.2
≥ 1200 ≥ 1000	88.7	91.0	93.0	93.9	95.2	95.3	95.5	95.9	95.9	96.0	96.0	96.0	96.2	96.2	96.2	96.2
	89.0	91.6	93.6	94.4	95.7	95.9	96.1	96.6	96.6	96.8	96.9	96.9	97.2	97.2	97.2	97.2
≥ 900 ≥ 800	89.0	91.6	93.6	94.6	95.9	96.0	96.3	96.5	96.8	97.0	97.2	97.2	97.4	97.4	97.4	97.4
	89.4	92.0	94.0	94.9	96.2	96.3	96.8	97.3	97.3	97.5	97.8	97.8	98.0	98.0	98.0	98.0
≥ 700 ≥ 600	89.6	92.2	94.2	95.2	96.5	96.6	97.0	97.5	97.5	97.8	98.0	98.0	98.2	98.2	98.2	98.2
	90.0	92.6	94.6	95.5	96.8	96.9	97.4	98.1	98.1	98.3	98.6	98.6	98.8	98.8	98.8	98.8
≥ 500 ≥ 400	90.3	92.9	94.9	95.9	97.2	97.3	97.8	98.5	98.5	98.8	99.1	99.1	99.3	99.3	99.3	99.3
	90.3	92.9	94.9	95.9	97.2	97.3	97.8	98.5	98.5	98.8	99.1	99.1	99.3	99.3	99.3	99.3
≥ 300 ≥ 200	90.4	93.1	95.2	96.1	97.5	97.6	98.1	98.8	98.8	99.2	99.4	99.4	99.6	99.6	99.6	99.6
	90.4	93.1	95.2	96.1	97.5	97.6	98.2	99.2	99.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100 0	90.4	93.1	95.2	96.1	97.5	97.6	98.2	99.2	99.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0
	90.4	93.1	95.2	96.1	97.5	97.6	98.2	99.2	99.2	99.5	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM JUL 61 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24102 STATION | FORT SMITH ARPT STATION NAME | 57-66 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES: ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	64.1	64.1	64.1	64.1	64.2
≥ 20000	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.7	65.7	65.7	65.7	65.8
≥ 18000	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.9	65.9	65.9	65.9	66.0
≥ 16000	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	66.0	66.0	66.0	66.0	66.1
≥ 14000	65.8	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.6	66.6	66.6	66.6	66.7
≥ 12000	66.9	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.6	67.6	67.8	67.8	67.8	67.8	68.0
≥ 10000	68.6	69.0	69.0	69.0	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.7	69.7	69.7	69.7	69.8
≥ 9000	69.5	69.9	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.6	70.6	70.6	70.6	70.8
≥ 8000	72.7	73.3	73.5	73.5	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.3	74.3	74.3	74.3	74.4
≥ 7000	76.3	77.2	77.5	77.5	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.3	78.3	78.3	78.3	78.4
≥ 6000	77.4	78.4	78.7	78.7	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.5	79.5	79.5	79.5	79.6
≥ 5000	79.6	80.8	81.1	81.1	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.8	81.8	81.8	81.8	81.9
≥ 4500	79.9	81.5	81.8	81.9	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.7	82.7	82.7	82.7	82.8
≥ 4000	83.5	85.2	85.5	85.6	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.3	86.3	86.3	86.3	86.5
≥ 3500	84.4	86.1	86.6	86.7	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.4	87.4	87.4	87.4	87.5
≥ 3000	85.2	87.0	87.7	88.0	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.8
≥ 2500	86.5	88.6	89.7	89.9	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.9	90.8	90.8	90.8	90.9
≥ 2000	87.6	90.1	91.2	91.4	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.7	92.7	92.7	92.7	92.8
≥ 1800	88.4	91.1	92.2	92.5	93.3	93.3	93.3	93.3	93.3	93.5	93.5	93.8	93.8	93.8	93.8	93.9
≥ 1500	90.1	93.0	94.1	94.5	95.7	95.7	95.7	95.7	95.7	96.1	96.3	96.7	96.7	96.7	96.7	96.8
≥ 1200	90.5	93.7	94.7	95.2	96.5	96.5	96.8	96.8	96.8	97.2	97.5	97.7	97.7	97.7	97.7	97.8
≥ 1000	91.2	94.5	95.6	96.0	97.3	97.3	97.6	97.6	97.6	98.2	98.5	98.7	98.7	98.7	98.7	98.8
≥ 900	91.2	94.6	95.7	96.1	97.4	97.4	97.7	97.7	97.7	98.3	98.6	98.8	98.8	98.8	98.8	98.9
≥ 800	91.3	94.7	95.8	96.2	97.5	97.5	97.8	97.8	97.8	98.4	98.7	98.9	98.9	98.9	98.9	99.0
≥ 700	91.3	94.8	95.9	96.3	97.6	97.6	98.0	98.0	98.0	98.5	98.8	99.0	99.2	99.2	99.2	99.4
≥ 600	91.3	94.9	96.1	96.6	97.8	97.8	98.2	98.2	98.2	98.7	99.0	99.2	99.6	99.6	99.6	99.7
≥ 500	91.3	94.9	96.1	96.6	97.8	97.8	98.2	98.2	98.2	98.7	99.0	99.2	99.6	99.6	99.6	99.7
≥ 400	91.3	94.9	96.1	96.6	97.8	97.8	98.2	98.2	98.2	98.7	99.0	99.2	99.6	99.6	99.6	99.7
≥ 300	91.3	95.3	96.5	96.9	98.2	98.2	98.5	98.5	98.5	99.0	99.4	99.6	99.9	99.9	99.9	100.0
≥ 200	91.3	95.3	96.5	96.9	98.2	98.2	98.5	98.5	98.5	99.0	99.4	99.6	99.9	99.9	99.9	100.0
≥ 100	91.3	95.3	96.5	96.9	98.2	98.2	98.5	98.5	98.5	99.0	99.4	99.6	99.9	99.9	99.9	100.0
0	91.3	95.3	96.5	96.9	98.2	98.2	98.5	98.5	98.5	99.0	99.4	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~[illegible]~~ STATION ~~[illegible]~~ STATION NAME ~~57-66~~ YEARS ~~[illegible]~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0100-0500~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.8	61.3	61.3	61.5	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.9
≥ 20000	61.8	62.4	62.6	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.2
≥ 18000	62.0	62.6	62.8	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.4
≥ 16000	62.3	62.8	63.0	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.7
≥ 14000	63.1	63.7	64.0	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6
≥ 12000	64.6	65.2	65.6	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.2
≥ 10000	66.6	67.1	67.5	67.7	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2
≥ 9000	67.6	68.2	68.6	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.2
≥ 8000	70.1	70.8	71.3	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.0
≥ 7000	72.8	74.1	74.7	75.1	75.3	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.8
≥ 6000	73.4	74.9	75.6	76.0	76.2	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.8
≥ 5000	75.5	77.3	78.1	78.5	78.8	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4
≥ 4500	76.2	78.2	79.0	79.5	79.8	79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.3
≥ 4000	78.8	81.2	82.2	82.6	83.1	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.7
≥ 3500	80.2	82.8	83.9	84.3	84.9	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.5
≥ 3000	81.4	84.3	85.4	85.9	86.8	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.4
≥ 2500	83.2	86.3	87.4	88.0	88.9	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.6
≥ 2000	84.0	87.2	88.6	89.1	90.3	90.4	90.4	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.3
≥ 1800	84.5	87.8	89.2	90.0	91.2	91.3	91.3	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	92.2
≥ 1500	85.0	89.2	91.0	92.0	93.3	93.4	94.0	94.4	94.4	94.8	94.9	94.9	94.9	94.9	94.9	95.2
≥ 1200	86.7	90.5	92.3	93.3	94.6	94.7	95.5	95.9	95.9	96.3	96.5	96.5	96.5	96.5	96.5	96.7
≥ 1000	87.1	91.2	92.9	94.0	95.4	95.5	96.3	96.8	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.5
≥ 900	87.2	91.3	93.0	94.1	95.6	95.7	96.6	97.0	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.7
≥ 800	87.8	92.0	94.0	95.1	96.6	96.7	97.5	98.0	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.8
≥ 700	88.0	92.3	94.2	95.3	96.8	96.9	97.7	98.2	98.2	98.6	98.8	98.9	98.9	98.9	98.9	99.1
≥ 600	88.1	92.5	94.4	95.5	97.0	97.1	98.0	98.4	98.4	98.8	99.0	99.1	99.5	99.5	99.5	99.7
≥ 500	88.1	92.5	94.4	95.5	97.0	97.1	98.0	98.4	98.4	98.8	99.0	99.1	99.5	99.5	99.5	99.7
≥ 400	88.1	92.5	94.4	95.5	97.0	97.1	98.0	98.4	98.4	98.8	99.0	99.1	99.5	99.5	99.5	99.7
≥ 300	88.3	92.8	94.7	95.8	97.3	97.4	98.3	98.7	98.7	99.1	99.4	99.5	99.8	99.8	99.8	100.0
≥ 200	88.3	92.8	94.7	95.8	97.3	97.4	98.3	98.7	98.7	99.1	99.4	99.5	99.8	99.8	99.8	100.0
≥ 100	88.3	92.8	94.7	95.8	97.3	97.4	98.3	98.7	98.7	99.1	99.4	99.5	99.8	99.8	99.8	100.0
≥ 0	88.3	92.8	94.7	95.8	97.3	97.4	98.3	98.7	98.7	99.1	99.4	99.5	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24102 STATION — FLINT SMITH MET UNIT APT STATION NAME — 57-66 YEARS — MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 GMT (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.7
≥ 20000	53.9	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.5
≥ 18000	54.1	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.7
≥ 16000	54.5	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	55.2
≥ 14000	55.1	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.7
≥ 12000	56.5	56.7	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.3
≥ 10000	59.8	60.3	60.5	60.5	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	61.2
≥ 9000	62.4	62.9	63.1	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.9
≥ 8000	66.8	67.7	68.3	68.4	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	69.1
≥ 7000	70.8	72.0	72.6	72.7	73.1	73.1	73.1	73.3	73.3	73.3	73.4	73.4	73.5	73.5	73.5	73.9
≥ 6000	71.0	72.4	72.9	73.2	73.7	73.7	73.7	73.9	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.4
≥ 5000	73.5	75.1	75.6	75.9	76.3	76.3	76.3	76.6	76.6	76.6	76.7	76.7	76.8	76.8	76.8	77.1
≥ 4500	74.4	75.9	76.5	76.8	77.2	77.2	77.2	77.4	77.4	77.4	77.5	77.5	77.6	77.6	77.6	78.0
≥ 4000	76.8	78.7	79.2	79.6	80.0	80.0	80.0	80.2	80.2	80.2	80.3	80.3	80.4	80.4	80.4	80.8
≥ 3500	78.0	79.9	80.4	80.8	81.2	81.2	81.2	81.4	81.4	81.4	81.5	81.5	81.6	81.6	81.6	81.9
≥ 3000	79.6	81.9	82.5	83.0	83.5	83.5	83.8	84.0	84.0	84.0	84.1	84.1	84.2	84.2	84.2	84.5
≥ 2500	82.2	85.1	85.7	86.2	87.0	87.0	87.3	87.6	87.6	87.7	88.0	88.0	88.2	88.2	88.2	88.5
≥ 2000	82.7	85.6	86.3	87.0	88.3	88.4	88.8	89.2	89.2	89.5	89.9	89.9	90.1	90.1	90.1	90.4
≥ 1800	82.8	85.8	86.6	87.2	88.5	88.6	89.0	89.5	89.5	89.7	90.1	90.1	90.3	90.3	90.3	90.6
≥ 1500	84.4	87.4	88.3	89.2	90.5	90.6	91.2	91.6	91.6	92.0	92.7	92.7	93.0	93.0	93.0	93.3
≥ 1200	86.0	89.5	90.4	91.8	93.5	93.7	94.4	94.9	94.9	95.6	96.2	96.2	96.7	96.7	96.7	97.0
≥ 1000	86.2	89.7	90.6	92.0	93.8	93.9	94.7	95.3	95.3	95.9	96.6	96.6	97.1	97.1	97.1	97.4
≥ 900	86.2	89.7	90.6	92.0	93.9	94.0	94.8	95.4	95.4	96.0	96.7	96.7	97.2	97.2	97.2	97.5
≥ 800	86.6	90.1	91.2	92.6	94.4	94.5	95.4	95.9	95.9	96.6	97.2	97.2	97.7	97.7	97.7	98.1
≥ 700	87.0	90.5	91.6	93.1	94.9	95.1	96.0	96.6	96.6	97.2	97.8	98.0	98.5	98.5	98.5	98.8
≥ 600	87.4	91.0	92.0	93.5	95.4	95.5	96.5	97.0	97.0	97.6	98.3	98.4	98.9	98.9	98.9	99.2
≥ 500	87.6	91.2	92.3	93.8	95.6	95.7	96.7	97.2	97.2	97.8	98.6	98.7	99.2	99.2	99.2	99.6
≥ 400	88.0	91.5	92.6	94.1	95.9	96.0	97.0	97.5	97.5	98.2	98.9	99.0	99.6	99.6	99.6	99.9
≥ 300	88.0	91.5	92.6	94.1	95.9	96.0	97.0	97.5	97.5	98.2	98.9	99.0	99.6	99.6	99.6	99.9
≥ 200	88.0	91.5	92.6	94.1	95.9	96.0	97.0	97.5	97.5	98.2	98.9	99.0	99.6	99.6	99.6	99.9
≥ 100	88.0	91.5	92.6	94.1	95.9	96.0	97.0	97.5	97.5	98.2	98.9	99.0	99.7	99.7	99.7	100.0
0	88.0	91.5	92.6	94.1	95.9	96.0	97.0	97.5	97.5	98.2	98.9	99.0	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~[illegible]~~ STATION ~~FORT SMITH MUNICIPAL AP~~ STATION NAME 57-66 YEARS ~~JAN~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0000-1100~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9
≥ 20000	~~60.0~~	~~60.2~~	~~60.2~~	~~60.2~~	~~60.3~~	~~60.3~~	~~60.3~~	~~60.3~~	~~60.3~~	~~60.3~~	~~60.4~~	~~60.4~~	~~60.4~~	~~60.4~~	~~60.4~~	~~60.4~~
≥ 18000	60.1	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8
≥ 16000	~~60.2~~	~~60.6~~	~~60.6~~	~~60.6~~	~~60.6~~	~~60.8~~	~~60.8~~	~~60.8~~	~~60.8~~	~~60.8~~	~~60.9~~	~~60.9~~	~~60.9~~	~~60.9~~	~~60.9~~	~~60.9~~
≥ 14000	61.2	61.6	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	~~62.5~~	~~62.9~~	~~62.9~~	~~63.0~~	~~63.1~~	~~63.1~~	~~63.1~~	~~63.1~~	~~63.1~~	~~63.1~~	~~63.2~~	~~63.2~~	~~63.2~~	~~63.2~~	~~63.2~~	~~63.2~~
≥ 10000	65.6	66.0	66.0	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8
≥ 9000	~~67.5~~	~~68.1~~	~~68.1~~	~~68.6~~	~~68.7~~	~~68.8~~	~~68.8~~	~~68.8~~	~~68.8~~	~~68.8~~	~~68.9~~	~~68.9~~	~~68.9~~	~~68.9~~	~~68.9~~	~~68.9~~
≥ 8000	70.6	71.3	71.3	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	~~73.5~~	~~74.3~~	~~74.3~~	~~75.3~~	~~75.5~~	~~75.7~~	~~75.8~~	~~75.8~~	~~75.8~~	~~75.9~~	~~76.0~~	~~76.0~~	~~76.0~~	~~76.0~~	~~76.0~~	~~76.0~~
≥ 6000	74.0	74.8	74.8	75.8	76.1	76.3	76.5	76.5	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	~~75.8~~	~~76.9~~	~~76.9~~	~~77.8~~	~~78.2~~	~~78.4~~	~~78.5~~	~~78.6~~	~~78.6~~	~~78.9~~	~~79.0~~	~~79.0~~	~~79.0~~	~~79.0~~	~~79.0~~	~~79.0~~
≥ 4500	76.2	77.5	77.5	78.5	78.8	79.0	79.1	79.2	79.2	79.6	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4000	~~78.2~~	~~80.0~~	~~80.0~~	~~81.0~~	~~81.7~~	~~81.9~~	~~82.0~~	~~82.2~~	~~82.2~~	~~82.5~~	~~82.6~~	~~82.6~~	~~82.6~~	~~82.6~~	~~82.6~~	~~82.6~~
≥ 3500	79.2	81.1	81.2	82.4	83.2	83.4	83.5	83.7	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	~~81.4~~	~~83.9~~	~~84.1~~	~~85.4~~	~~86.3~~	~~86.7~~	~~86.8~~	~~86.9~~	~~86.9~~	~~87.3~~	~~87.4~~	~~87.4~~	~~87.4~~	~~87.4~~	~~87.4~~	~~87.4~~
≥ 2500	82.7	85.4	85.7	87.0	88.3	88.6	88.8	89.0	89.0	89.3	89.6	89.6	89.7	89.7	89.7	89.7
≥ 2000	~~83.5~~	~~86.6~~	~~86.9~~	~~88.3~~	~~89.9~~	~~90.2~~	~~90.4~~	~~90.9~~	~~90.9~~	~~91.3~~	~~91.6~~	~~91.6~~	~~91.7~~	~~91.8~~	~~91.9~~	~~91.9~~
≥ 1800	83.8	87.0	87.3	88.7	90.3	90.6	90.9	91.3	91.3	91.7	92.0	92.0	92.2	92.3	92.4	92.4
≥ 1500	~~84.5~~	~~87.7~~	~~88.1~~	~~89.7~~	~~91.5~~	~~91.8~~	~~92.0~~	~~92.8~~	~~92.8~~	~~93.3~~	~~93.7~~	~~93.7~~	~~93.8~~	~~93.9~~	~~94.0~~	~~94.0~~
≥ 1200	85.4	88.6	89.0	90.9	92.9	93.2	93.8	94.8	94.8	95.5	95.8	95.8	96.0	96.1	96.3	96.3
≥ 1000	~~85.5~~	~~88.9~~	~~89.4~~	~~91.2~~	~~93.5~~	~~93.9~~	~~94.5~~	~~95.6~~	~~95.6~~	~~96.2~~	~~96.6~~	~~96.6~~	~~96.8~~	~~96.9~~	~~97.1~~	~~97.1~~
≥ 900	85.5	88.9	89.5	91.4	93.9	94.2	94.9	96.0	96.0	96.7	97.0	97.0	97.2	97.3	97.5	97.5
≥ 800	~~85.5~~	~~89.0~~	~~89.6~~	~~91.6~~	~~94.1~~	~~94.4~~	~~95.2~~	~~96.3~~	~~96.3~~	~~97.1~~	~~97.6~~	~~97.6~~	~~97.6~~	~~97.7~~	~~98.0~~	~~98.0~~
≥ 700	85.6	89.2	89.8	91.8	94.3	94.6	95.4	96.6	96.6	97.4	97.7	97.7	98.0	98.1	98.3	98.3
≥ 600	~~85.8~~	~~89.6~~	~~90.1~~	~~92.2~~	~~94.6~~	~~94.9~~	~~95.7~~	~~96.9~~	~~96.9~~	~~97.7~~	~~98.2~~	~~98.2~~	~~98.4~~	~~98.5~~	~~98.7~~	~~98.7~~
≥ 500	86.3	90.3	90.9	92.9	95.5	95.9	96.7	97.8	97.8	98.8	99.2	99.2	99.6	99.7	100.0	100.0
≥ 400	~~86.3~~	~~90.3~~	~~90.9~~	~~92.9~~	~~95.5~~	~~95.9~~	~~96.7~~	~~97.8~~	~~97.8~~	~~98.8~~	~~99.2~~	~~99.2~~	~~99.6~~	~~99.7~~	~~100.0~~	~~100.0~~
≥ 300	86.3	90.3	90.9	92.9	95.5	95.9	96.7	97.8	97.8	98.8	99.2	99.2	99.6	99.7	100.0	100.0
≥ 200	~~86.3~~	~~90.3~~	~~90.9~~	~~92.9~~	~~95.5~~	~~95.9~~	~~96.7~~	~~97.8~~	~~97.8~~	~~98.8~~	~~99.2~~	~~99.2~~	~~99.6~~	~~99.7~~	~~100.0~~	~~100.0~~
≥ 100	86.3	90.3	90.9	92.9	95.5	95.9	96.7	97.8	97.8	98.8	99.2	99.2	99.6	99.7	100.0	100.0
0	~~86.3~~	~~90.3~~	~~90.9~~	~~92.9~~	~~95.5~~	~~95.9~~	~~96.7~~	~~97.8~~	~~97.8~~	~~98.8~~	~~99.2~~	~~99.2~~	~~99.6~~	~~99.7~~	~~100.0~~	~~100.0~~

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~72412~~ STATION | FORT SMITH MUNI ARPT STATION NAME | ~~57-66~~ YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1200-1400~~ (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	61.1	61.1	61.1	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000	64.9	64.9	64.9	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 18000	65.1	65.1	65.1	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 16000	65.3	65.3	65.3	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 14000	67.2	67.2	67.2	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 12000	68.6	68.6	68.6	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 10000	70.4	70.5	70.5	70.8	70.9	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 9000	71.3	71.4	71.4	71.6	71.7	71.7	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 8000	73.2	73.5	73.7	74.1	74.5	74.7	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 7000	75.4	75.7	76.0	76.6	77.1	77.3	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000	76.1	76.5	76.8	77.3	77.8	78.1	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	77.7	78.1	78.5	79.0	79.6	79.8	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4500	78.2	78.5	78.9	79.5	80.0	80.2	80.6	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4000	80.1	80.5	81.0	81.6	82.2	82.5	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	80.6	81.5	81.9	82.7	83.2	83.5	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3000	83.2	84.3	84.9	85.9	86.6	87.0	87.4	87.7	87.7	88.1	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	84.9	86.1	87.0	88.0	88.7	89.1	89.6	89.9	89.9	90.2	90.3	90.3	90.6	90.6	90.6	90.6
≥ 2000	86.3	88.1	88.9	89.9	91.1	91.5	91.9	92.3	92.3	92.7	92.8	92.8	93.1	93.1	93.1	93.1
≥ 1800	87.3	89.0	89.9	91.0	92.2	92.6	93.0	93.3	93.3	93.8	93.9	93.9	94.2	94.2	94.2	94.2
≥ 1500	88.9	91.1	91.9	93.2	94.5	94.9	95.4	95.7	95.7	96.1	96.2	96.2	96.7	96.7	96.7	96.7
≥ 1200	89.8	91.9	92.8	94.2	95.6	96.0	96.5	96.8	96.8	97.3	97.4	97.4	98.0	98.0	98.1	98.1
≥ 1000	90.1	92.5	93.3	94.8	96.2	96.7	97.1	97.5	97.5	98.1	98.3	98.3	98.8	98.8	98.9	98.9
≥ 900	90.2	92.7	93.5	95.1	96.6	97.0	97.4	97.8	97.8	98.4	98.6	98.6	99.1	99.1	99.2	99.2
≥ 800	90.2	92.7	93.7	95.4	97.0	97.4	97.8	98.3	98.3	98.8	99.0	99.0	99.6	99.6	99.7	99.7
≥ 700	90.3	92.8	93.8	95.5	97.1	97.5	98.0	98.4	98.4	98.9	99.1	99.1	99.7	99.7	99.8	99.8
≥ 600	90.3	92.8	93.8	95.5	97.1	97.5	98.0	98.4	98.4	98.9	99.2	99.2	99.8	99.8	99.9	99.9
≥ 500	90.3	92.8	93.8	95.5	97.1	97.5	98.0	98.4	98.4	98.9	99.2	99.2	99.8	99.8	100.0	100.0
≥ 400	90.3	92.8	93.8	95.5	97.1	97.5	98.0	98.4	98.4	98.9	99.2	99.2	99.8	99.8	100.0	100.0
≥ 300	90.3	92.8	93.8	95.5	97.1	97.5	98.0	98.4	98.4	98.9	99.2	99.2	99.8	99.8	100.0	100.0
≥ 200	90.3	92.8	93.8	95.5	97.1	97.5	98.0	98.4	98.4	98.9	99.2	99.2	99.8	99.8	100.0	100.0
≥ 100	90.3	92.8	93.8	95.5	97.1	97.5	98.0	98.4	98.4	98.9	99.2	99.2	99.8	99.8	100.0	100.0
≥ 0	90.3	92.8	93.8	95.5	97.1	97.5	98.0	98.4	98.4	98.9	99.2	99.2	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME [redacted] YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 20000	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 18000	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 16000	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 12000	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 9000	73.1	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	74.8	75.9	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 7000	77.4	78.6	78.7	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 6000	78.7	79.9	80.0	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 5000	80.0	81.2	81.3	81.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	80.1	81.3	81.5	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4000	82.3	83.4	83.7	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4
≥ 3500	83.5	85.2	85.5	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
≥ 3000	85.8	87.7	88.4	88.7	89.2	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7
≥ 2500	87.6	89.8	90.4	90.8	91.4	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 2000	89.6	91.9	92.6	92.9	93.7	93.8	94.0	94.1	94.1	94.2	94.3	94.3	94.5	94.6	94.6	94.6
≥ 1800	90.3	92.7	93.3	93.7	94.4	94.5	94.8	94.9	94.9	95.1	95.2	95.2	95.4	95.5	95.5	95.5
≥ 1500	91.0	94.1	94.9	95.3	96.1	96.2	96.6	96.7	96.7	96.9	97.1	97.1	97.3	97.4	97.5	97.5
≥ 1200	92.3	94.7	95.6	95.9	97.0	97.1	97.6	97.7	97.7	98.1	98.3	98.3	98.5	98.7	98.8	98.8
≥ 1000	92.3	94.8	95.7	96.0	97.1	97.2	97.7	97.8	97.8	98.3	98.5	98.5	98.8	99.1	99.2	99.2
≥ 900	92.3	94.9	95.8	96.1	97.3	97.4	98.0	98.2	98.2	98.6	98.8	98.8	99.2	99.6	99.7	99.7
≥ 800	92.3	94.9	95.8	96.1	97.3	97.4	98.0	98.2	98.2	98.6	98.8	98.8	99.2	99.6	99.7	99.7
≥ 700	92.3	94.9	95.8	96.1	97.3	97.4	98.0	98.2	98.2	98.6	98.8	98.8	99.2	99.6	99.7	99.7
≥ 600	92.3	94.9	95.8	96.1	97.3	97.4	98.0	98.2	98.2	98.6	98.9	98.9	99.5	99.8	99.9	99.9
≥ 500	92.3	94.9	95.8	96.1	97.3	97.4	98.0	98.2	98.2	98.6	98.9	98.9	99.5	99.8	99.9	99.9
≥ 400	92.3	94.9	95.8	96.1	97.3	97.4	98.0	98.2	98.2	98.6	98.9	98.9	99.5	99.8	99.9	99.9
≥ 300	92.3	94.9	95.8	96.1	97.3	97.4	98.0	98.2	98.2	98.6	98.9	98.9	99.5	99.8	100.0	100.0
≥ 200	92.3	94.9	95.8	96.1	97.3	97.4	98.0	98.2	98.2	98.6	98.9	98.9	99.5	99.8	100.0	100.0
≥ 100	92.3	94.9	95.8	96.1	97.3	97.4	98.0	98.2	98.2	98.6	98.9	98.9	99.5	99.8	100.0	100.0
≥ 0	92.3	94.9	95.8	96.1	97.3	97.4	98.0	98.2	98.2	98.6	98.9	98.9	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~20,17~~ STATION ~~FORT SMITH A/P UTT ART~~ STATION NAME ~~57-66~~ YEARS ~~APR~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1400-2000~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 18000	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 16000	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 14000	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 12000	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 10000	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 9000	72.0	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000	75.1	75.7	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 7000	77.8	79.3	79.9	80.0	80.1	80.1	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
≥ 6000	78.9	80.5	81.0	81.1	81.2	81.2	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5
≥ 5000	80.1	81.8	82.3	82.4	82.5	82.5	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500	80.1	81.9	82.4	82.5	82.6	82.6	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4000	82.8	84.6	85.1	85.3	85.4	85.4	85.8	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500	84.5	86.8	87.2	87.4	87.5	87.5	88.0	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	86.6	89.0	89.6	89.8	90.1	90.1	90.5	90.5	90.5	90.9	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	87.5	90.2	90.8	91.0	91.3	91.3	91.7	91.7	91.7	92.0	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	89.8	92.8	93.4	93.7	94.1	94.1	94.5	94.5	94.5	94.8	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	89.8	92.8	93.4	93.7	94.1	94.1	94.5	94.5	94.5	94.8	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	90.3	93.5	94.2	94.5	95.2	95.2	95.6	95.6	95.6	96.0	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	91.4	94.6	95.3	95.6	96.2	96.2	96.9	96.9	96.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	91.7	95.1	95.7	96.0	96.8	96.8	97.4	97.4	97.4	98.0	98.4	98.4	98.5	98.6	98.6	98.6
≥ 900	91.7	95.1	95.7	96.0	96.8	96.8	97.4	97.4	97.4	98.1	98.5	98.5	98.7	98.8	98.8	98.8
≥ 800	91.7	95.1	95.7	96.0	96.8	96.8	97.4	97.4	97.4	98.1	98.5	98.5	98.7	98.8	98.8	98.8
≥ 700	91.7	95.1	95.7	96.0	96.8	96.8	97.4	97.4	97.4	98.1	98.9	98.9	99.1	99.2	99.2	99.2
≥ 600	91.7	95.1	95.7	96.0	96.8	96.8	97.4	97.4	97.4	98.1	99.0	99.0	99.6	99.7	99.7	99.7
≥ 500	91.7	95.1	95.7	96.0	96.8	96.8	97.4	97.4	97.4	98.1	99.0	99.0	99.7	99.8	99.8	99.8
≥ 400	91.7	95.1	95.7	96.0	96.8	96.8	97.4	97.4	97.4	98.1	99.0	99.0	99.8	99.9	99.9	99.9
≥ 300	91.7	95.1	95.7	96.0	96.8	96.8	97.4	97.4	97.4	98.1	99.0	99.0	99.8	99.9	100.0	100.0
≥ 200	91.7	95.1	95.7	96.0	96.8	96.8	97.4	97.4	97.4	98.1	99.0	99.0	99.8	99.9	100.0	100.0
≥ 100	91.7	95.1	95.7	96.0	96.8	96.8	97.4	97.4	97.4	98.1	99.0	99.0	99.8	99.9	100.0	100.0
0	91.7	95.1	95.7	96.0	96.8	96.8	97.4	97.4	97.4	98.1	99.0	99.0	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

26102 STATION | FORT SMITH M/T JIM APT STATION NAME | 57-66 YEARS | AK MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 LOCAL STANDARD TIME

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5.16	≥ ¼	≥ 0
NO CEILING	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 20000	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 18000	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	67.1	67.3	67.3	67.3	67.3	67.3	67.4	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000	67.6	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 12000	68.9	69.2	69.2	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000	71.3	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 9000	73.2	73.5	73.5	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 8000	76.0	76.3	76.3	76.3	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	78.8	80.2	80.4	80.4	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 6000	79.8	81.2	81.4	81.4	81.7	81.7	81.8	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 5000	82.0	83.5	83.8	83.8	84.1	84.1	84.2	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	82.7	84.2	84.4	84.4	84.7	84.7	84.8	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000	86.5	86.6	86.8	86.8	87.1	87.1	87.2	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3500	88.1	88.4	88.6	88.7	89.0	89.0	89.1	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3000	89.4	89.8	90.0	90.2	90.5	90.5	90.6	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	88.5	90.9	91.2	91.4	92.0	92.0	92.2	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	90.2	93.4	93.8	94.0	94.6	94.6	94.7	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	90.5	93.8	94.1	94.3	94.9	94.9	95.3	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	91.2	94.6	94.9	95.2	96.0	96.0	96.6	96.9	96.9	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	91.6	95.2	95.7	95.9	96.8	96.8	97.6	98.0	98.0	98.5	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1000	91.7	95.3	95.8	96.0	96.9	96.9	97.7	98.1	98	[illegible]	98.9	98.9	99.0	99.0	99.0	99.0
≥ 900	91.9	95.5	96.0	96.3	97.2	97.2	98.1	98.4	98	[illegible]	99.2	99.2	99.5	99.5	99.5	99.5
≥ 800	91.9	95.5	96.0	96.3	97.2	97.2	98.1	98	[illegible]	[illegible]	99.2	99.2	99.5	99.5	99.5	99.5
≥ 700	91.9	95.5	96.0	96.3	97.2	97.2	98.1	98	[illegible]	[illegible]	99.2	99.2	99.5	99.5	99.5	99.5
≥ 600	91.9	95.6	96.1	96.5	97.3	97.3	98.2	9[illegible]	98.5	99.0	99.4	99.4	99.7	99.7	99.7	99.7
≥ 500	91.9	95.6	96.1	96.5	97.3	97.3	98.2	98.5	98.5	99.0	99.4	99.4	99.7	99.7	99.7	99.7
≥ 400	92.0	95.7	96.2	96.6	97.4	97.4	98.3	98.6	98.6	99.1	99.5	99.5	99.8	99.8	99.8	99.8
≥ 300	92.2	95.9	96.5	96.8	97.6	97.6	98.5	98.8	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0
≥ 200	92.2	95.9	96.5	96.8	97.6	97.6	98.5	98.8	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	92.2	95.9	96.5	96.8	97.6	97.6	98.5	98.8	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	92.2	95.9	96.5	96.8	97.6	97.6	98.5	98.8	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~2013~~ STATION ~~PORT SMITH L I WOOD APT~~ STATION NAME ~~57-66~~ YEARS ~~APR~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0000-0700~~ (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 18000 ≥ 16000	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000 ≥ 12000	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 10000 ≥ 9000	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 8000 ≥ 7000	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
	79.7	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 6000 ≥ 5000	80.4	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
	82.9	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500 ≥ 4000	83.6	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
	85.3	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3500 ≥ 3000	86.1	87.2	87.4	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
	87.8	89.1	89.4	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500 ≥ 2000	89.8	91.1	91.4	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
	91.4	93.0	93.4	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800 ≥ 1500	91.6	93.1	93.6	93.8	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
	92.6	94.3	94.8	95.0	95.4	95.6	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200 ≥ 1000	92.9	94.7	95.1	95.3	95.8	95.9	96.2	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
	93.2	95.1	95.6	95.8	96.3	96.4	96.8	97.0	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900 ≥ 800	93.2	95.2	95.7	95.9	96.4	96.6	96.9	97.1	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6
	93.6	95.6	96.0	96.2	96.8	96.9	97.2	97.4	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700 ≥ 600	93.7	95.7	96.2	96.4	97.0	97.1	97.4	97.7	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1
	93.9	95.9	96.4	96.7	97.2	97.3	97.7	97.9	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500 ≥ 400	93.9	95.9	96.4	96.7	97.2	97.3	97.7	97.9	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3
	94.4	96.6	97.1	97.3	98.0	98.1	98.4	98.7	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300 ≥ 200	94.4	96.8	97.3	97.6	98.2	98.3	98.7	98.9	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3
	94.4	97.0	97.8	98.0	98.7	98.8	99.1	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100 ≥ 0	94.4	97.0	97.9	98.1	98.8	98.9	99.2	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
	94.4	97.0	97.9	98.1	98.8	98.9	99.2	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] STATION NAME 57-66 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] 1800-0500 (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	62.4	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 18000 ≥ 16000	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000 ≥ 12000	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10000 ≥ 9000	67.1	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
	68.8	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 8000 ≥ 7000	72.2	72.3	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
	77.3	77.4	77.6	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 6000 ≥ 5000	77.7	77.8	77.9	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
	79.9	80.1	80.2	80.2	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4500 ≥ 4000	80.7	80.9	81.0	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
	82.7	83.0	83.2	83.2	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3500 ≥ 3000	83.9	84.4	84.7	84.7	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
	86.2	86.8	87.3	87.4	87.8	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500 ≥ 2000	88.3	88.9	89.6	89.7	90.0	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.6
	90.7	91.2	92.0	92.1	92.4	92.6	92.7	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 1800 ≥ 1500	91.1	91.7	92.4	92.6	92.9	93.0	93.1	93.3	93.3	93.4	93.4	93.4	93.6	93.6	93.6	93.6
	91.6	92.2	93.0	93.1	93.4	93.6	93.7	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 1200 ≥ 1000	92.7	93.3	94.1	94.2	94.7	94.8	94.9	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3
	93.3	94.1	94.9	95.0	95.4	95.6	95.9	96.4	96.4	96.6	96.6	96.7	96.7	96.8	96.8	96.8
≥ 900 ≥ 800	93.3	94.1	94.9	95.0	95.4	95.6	95.9	96.4	96.4	96.6	96.6	96.7	96.7	96.8	96.8	96.8
	93.9	94.8	95.6	95.7	96.1	96.2	96.6	97.1	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4
≥ 700 ≥ 600	94.0	95.0	95.8	95.9	96.3	96.4	96.8	97.3	97.3	97.4	97.6	97.6	97.7	97.7	97.7	97.7
	94.0	95.0	95.8	95.9	96.3	96.4	96.8	97.3	97.3	97.4	97.6	97.6	97.8	97.8	97.8	97.8
≥ 500 ≥ 400	94.3	95.3	96.2	96.4	96.9	97.0	97.3	97.9	97.9	98.0	98.1	98.1	98.3	98.3	98.3	98.3
	94.7	96.2	97.1	97.3	97.8	97.9	98.2	98.8	98.8	98.9	99.0	99.1	99.3	99.3	99.3	99.3
≥ 300 ≥ 200	94.7	96.4	97.3	97.6	98.0	98.1	98.4	99.0	99.0	99.1	99.2	99.3	99.6	99.6	99.6	99.6
	94.7	96.6	97.4	97.7	98.1	98.2	98.6	99.1	99.1	99.2	99.3	99.4	99.7	99.7	99.7	99.7
≥ 100 ≥ 0	94.7	96.7	97.6	97.9	98.3	98.4	98.8	99.3	99.3	99.4	99.7	99.8	100.0	100.0	100.0	100.0
	94.7	96.7	97.6	97.9	98.3	98.4	98.8	99.3	99.3	99.4	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

1

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

24112 STATION FT SMITH MUNI (MT) APT STATION NAME 57-66 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0800-0100 GMT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	55.7	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
	58.6	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 18000 ≥ 16000	58.7	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
	58.9	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 14000 ≥ 12000	60.2	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
	61.3	61.3	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 10000 ≥ 9000	63.7	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
	65.7	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 8000 ≥ 7000	70.9	70.9	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
	74.8	74.8	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 6000 ≥ 5000	75.0	75.0	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
	77.4	77.4	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500 ≥ 4000	78.6	78.6	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
	81.4	81.4	81.9	82.1	82.2	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3500 ≥ 3000	83.2	83.2	83.7	83.9	84.0	84.0	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
	86.2	86.3	86.8	87.0	87.1	87.1	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2500 ≥ 2000	89.1	89.4	89.9	90.1	90.2	90.2	90.2	90.4	90.4	90.6	90.6	90.6	90.6	90.7	90.7	90.7
	90.4	90.8	91.2	91.4	91.7	91.7	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.2
≥ 1800 ≥ 1500	90.8	90.9	91.3	91.6	91.8	91.8	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4
	91.6	92.0	92.4	92.7	92.9	92.9	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.6	93.6	93.6
≥ 1200 ≥ 1000	92.4	92.9	93.3	93.8	94.0	94.0	94.2	94.4	94.4	94.6	94.6	94.6	94.6	94.7	94.7	94.7
	93.1	93.6	94.0	94.4	94.9	94.9	95.2	95.4	95.4	95.8	95.8	95.8	95.8	95.9	95.9	95.9
≥ 900 ≥ 800	93.4	94.0	94.4	94.9	95.3	95.3	95.8	96.0	96.0	96.3	96.3	96.3	96.3	96.4	96.4	96.4
	94.0	94.7	95.1	95.6	96.0	96.0	96.4	96.7	96.7	97.0	97.0	97.0	97.0	97.1	97.1	97.1
≥ 700 ≥ 600	94.1	94.8	95.2	95.7	96.1	96.1	96.6	96.8	96.8	97.1	97.1	97.1	97.1	97.2	97.2	97.2
	94.1	94.8	95.2	95.7	96.1	96.2	96.9	97.1	97.1	97.4	97.6	97.6	97.6	97.7	97.7	97.7
≥ 500 ≥ 400	95.0	95.7	96.1	96.6	97.0	97.1	97.8	98.0	98.0	98.3	98.4	98.7	98.8	98.9	98.9	98.9
	95.1	95.8	96.2	96.7	97.1	97.2	97.9	98.1	98.1	98.4	98.6	98.8	98.9	99.0	99.0	99.0
≥ 300 ≥ 200	95.2	95.9	96.3	96.8	97.3	97.4	98.1	98.7	98.7	99.0	99.1	99.3	99.4	99.6	99.6	99.6
	95.2	95.9	96.3	96.8	97.3	97.4	98.3	98.9	98.9	99.2	99.3	99.5	99.7	99.8	99.8	99.8
≥ 100 0	95.2	95.9	96.3	96.8	97.3	97.4	98.4	99.0	99.0	99.3	99.4	99.7	99.8	99.9	99.9	99.9
	95.2	95.9	96.3	96.8	97.3	97.4	98.4	99.0	99.0	99.3	99.4	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

1

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] 57-66 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOUR [illegible]

CEILING FEET	VISIBILITY STATUTE MILES: ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 20000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 18000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 16000	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 12000	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 10000	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 9000	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000	73.2	73.3	73.3	73.3	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 7000	75.7	75.9	76.0	76.0	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 6000	76.4	76.7	76.8	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 5000	78.0	78.2	78.3	78.3	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4500	78.7	78.9	79.0	79.0	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4000	80.4	80.6	80.7	80.7	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500	80.7	80.9	81.0	81.0	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3000	82.9	83.0	83.1	83.1	83.4	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500	83.9	84.6	84.7	84.7	85.0	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	86.0	87.2	87.3	87.3	87.7	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1800	86.7	88.1	88.2	88.2	88.6	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500	88.3	89.9	90.0	90.1	90.6	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	90.3	92.3	92.4	92.6	93.1	93.1	93.3	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.6	93.8
≥ 1000	91.8	94.1	94.3	94.6	95.1	95.1	95.6	95.9	95.9	96.2	96.2	96.2	96.2	96.6	96.6	96.6
≥ 900	92.2	94.6	94.8	95.1	95.7	95.7	96.1	96.6	96.6	97.0	97.1	97.1	97.2	97.6	97.6	97.6
≥ 800	92.6	94.9	95.1	95.4	96.1	96.1	96.6	97.0	97.0	97.7	97.8	97.8	98.0	98.3	98.3	98.3
≥ 700	92.6	94.9	95.1	95.4	96.1	96.1	96.6	97.2	97.2	97.9	98.1	98.1	98.7	99.0	99.0	99.0
≥ 600	92.7	95.0	95.2	95.6	96.2	96.2	96.8	97.4	97.4	98.2	98.4	98.4	99.0	99.3	99.3	99.3
≥ 500	92.9	95.2	95.4	95.8	96.6	96.6	97.2	97.9	97.9	98.7	99.0	99.0	99.7	100.0	100.0	100.0
≥ 400	92.9	95.2	95.4	95.8	96.6	96.6	97.2	97.9	97.9	98.7	99.0	99.0	99.7	100.0	100.0	100.0
≥ 300	92.9	95.2	95.4	95.8	96.6	96.6	97.2	97.9	97.9	98.7	99.0	99.0	99.7	100.0	100.0	100.0
≥ 200	92.9	95.2	95.4	95.8	96.6	96.6	97.2	97.9	97.9	98.7	99.0	99.0	99.7	100.0	100.0	100.0
≥ 100	92.9	95.2	95.4	95.8	96.6	96.6	97.2	97.9	97.9	98.7	99.0	99.0	99.7	100.0	100.0	100.0
≥ 0	92.9	95.2	95.4	95.8	96.6	96.6	97.2	97.9	97.9	98.7	99.0	99.0	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5(OL I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
[illegible] EAT [illegible] SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible] STATION NAME | 57-66 YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOUR

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 25000	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
	61.9	61.9	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 18000 ≥ 16000	62.1	62.1	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
	62.6	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 14000 ≥ 12000	63.4	63.4	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
	65.1	65.1	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 10000 ≥ 9000	66.9	66.9	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
	69.2	69.2	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 8000 ≥ 7000	72.4	72.4	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
	75.0	75.1	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 6000 ≥ 5000	75.8	75.9	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
	78.0	78.1	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4500 ≥ 4000	78.4	78.6	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
	80.0	80.1	80.7	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3500 ≥ 3000	80.6	80.7	81.2	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
	82.4	82.7	83.3	83.6	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500 ≥ 2000	85.2	85.4	86.1	86.3	86.7	86.7	86.7	86.7	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9
	87.9	88.2	89.0	89.3	89.7	89.7	89.7	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800 ≥ 1500	88.0	88.4	89.1	89.6	89.9	89.9	89.9	90.0	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3
	89.6	90.3	91.0	91.4	91.9	91.9	92.0	92.1	92.1	92.6	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200 ≥ 1000	92.2	92.9	93.7	94.2	94.9	94.9	95.1	95.2	95.2	95.7	96.1	96.1	96.1	96.1	96.1	96.1
	93.5	93.7	94.6	95.1	95.8	95.8	96.0	96.1	96.1	96.8	97.2	97.2	97.6	97.8	97.8	97.8
≥ 900 ≥ 800	94.1	94.1	95.0	95.6	96.3	96.3	96.6	96.7	96.7	97.3	98.0	98.0	98.3	98.6	98.6	98.6
	94.2	94.2	95.1	95.7	96.6	96.6	96.8	96.9	96.9	97.6	98.2	98.2	98.8	99.0	99.0	99.0
≥ 700 ≥ 600	94.3	94.3	95.2	95.8	96.7	96.7	96.9	97.0	97.0	97.7	98.3	98.3	99.0	99.2	99.2	99.2
	94.3	94.3	95.2	95.8	96.7	96.7	97.0	97.1	97.1	97.8	98.4	98.4	99.1	99.4	99.4	99.4
≥ 500 ≥ 400	94.3	94.3	95.2	95.8	96.8	96.8	97.2	97.3	97.3	98.0	98.7	98.7	99.3	99.7	99.8	99.9
	94.3	94.3	95.2	95.8	96.8	96.8	97.2	97.3	97.3	98.0	98.7	98.7	99.3	99.8	99.9	99.9
≥ 300 ≥ 200	94.3	94.3	95.2	95.8	96.8	96.8	97.2	97.3	97.3	98.0	98.7	98.7	99.3	99.8	100.0	100.0
	94.3	94.3	95.2	95.8	96.8	96.8	97.2	97.3	97.3	98.0	98.7	98.7	99.3	99.8	100.0	100.0
≥ 100 ≥ 0	94.3	94.3	95.2	95.8	96.8	96.8	97.2	97.3	97.3	98.0	98.7	98.7	99.3	99.8	100.0	100.0
	94.3	94.3	95.2	95.8	96.8	96.8	97.2	97.3	97.3	98.0	98.7	98.7	99.3	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] STATION NAME [illegible] 57-66 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 20000	62.3	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 18000	62.4	62.4	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 16000	63.1	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 9000	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000	71.9	72.1	72.1	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	74.8	75.3	75.3	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 6000	75.6	76.1	76.1	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	76.9	77.7	77.7	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	77.3	78.1	78.1	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4000	79.8	80.6	80.6	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3500	81.1	81.9	81.9	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3000	84.1	84.9	84.9	85.2	85.3	85.3	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	87.0	87.9	87.9	88.3	88.4	88.4	88.7	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	88.7	89.7	89.7	90.1	90.2	90.2	90.4	90.4	90.4	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	89.9	90.9	90.9	91.4	91.6	91.6	91.8	91.8	91.8	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1500	91.3	92.3	92.3	93.0	93.0	93.6	93.9	94.1	94.1	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	92.6	93.7	93.7	94.3	95.0	95.2	95.6	96.0	96.0	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	93.2	94.3	94.3	95.0	95.7	96.1	96.4	96.9	96.9	97.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	93.6	94.8	94.8	95.4	96.1	96.6	97.0	97.4	97.4	98.2	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	93.8	95.0	95.0	95.7	96.3	96.8	97.2	97.7	97.7	98.4	98.9	98.9	98.9	99.0	99.0	99.0
≥ 700	93.9	95.1	95.1	95.8	96.4	96.9	97.3	97.9	97.9	98.8	99.2	99.2	99.4	99.6	99.6	99.6
≥ 600	93.9	95.1	95.1	95.8	96.4	96.9	97.3	97.9	97.9	98.8	99.3	99.3	99.6	99.7	99.7	99.7
≥ 500	94.0	95.3	95.3	96.0	96.7	97.1	97.6	98.1	98.1	99.0	99.6	99.6	99.9	100.0	100.0	100.0
≥ 400	94.0	95.3	95.3	96.0	96.7	97.1	97.6	98.1	98.1	99.0	99.6	99.6	99.9	100.0	100.0	100.0
≥ 300	94.0	95.3	95.3	96.0	96.7	97.1	97.6	98.1	98.1	99.0	99.6	99.6	99.9	100.0	100.0	100.0
≥ 200	94.0	95.3	95.3	96.0	96.7	97.1	97.6	98.1	98.1	99.0	99.6	99.6	99.9	100.0	100.0	100.0
≥ 100	94.0	95.3	95.3	96.0	96.7	97.1	97.6	98.1	98.1	99.0	99.6	99.6	99.9	100.0	100.0	100.0
≥ 0	94.0	95.3	95.3	96.0	96.7	97.1	97.6	98.1	98.1	99.0	99.6	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~23102~~ STATION ~~FORT SMITH N-I APT~~ STATION NAME ~~57-66~~ YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1800-2000~~ GMT (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 18000 ≥ 16000	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000 ≥ 12000	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 10000 ≥ 9000	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 8000 ≥ 7000	74.7	75.1	75.1	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
	78.4	78.9	78.9	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000 ≥ 5000	78.9	79.3	79.3	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
	82.0	82.4	82.4	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500 ≥ 4000	82.9	83.3	83.3	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
	84.6	85.0	85.0	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3500 ≥ 3000	86.9	86.3	86.3	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
	88.1	88.7	88.7	89.1	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500 ≥ 2000	89.6	90.3	90.4	90.9	91.1	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.6	91.6	91.6	91.6
	91.3	92.6	92.8	93.2	93.6	93.6	93.6	93.7	93.7	93.9	94.0	94.0	94.3	94.3	94.4	94.4
≥ 1800 ≥ 1500	91.7	92.9	93.1	93.6	93.9	93.9	93.9	94.0	94.0	94.2	94.3	94.3	94.7	94.7	94.8	94.8
	92.4	93.6	94.1	94.6	95.1	95.1	95.3	95.4	95.4	95.9	96.0	96.0	96.3	96.3	96.4	96.4
≥ 1200 ≥ 1000	92.9	94.2	94.6	95.0	95.6	95.6	95.8	95.9	95.9	96.3	96.4	96.4	96.8	96.8	96.9	96.9
	93.9	95.4	95.8	96.2	96.5	96.8	97.0	97.1	97.1	97.7	97.8	97.8	98.1	98.1	98.2	98.2
≥ 900 ≥ 800	94.2	95.8	96.1	96.6	97.1	97.1	97.3	97.4	97.4	98.0	98.1	98.1	98.4	98.4	98.6	98.6
	94.2	95.8	96.1	96.6	97.1	97.1	97.3	97.4	97.4	98.0	98.2	98.2	98.6	98.9	99.0	99.0
≥ 700 ≥ 600	94.2	95.8	96.1	96.6	97.2	97.2	97.4	97.6	97.6	98.1	98.4	98.4	99.2	99.3	99.4	99.4
	94.3	95.9	96.2	96.7	97.3	97.3	97.6	97.7	97.7	98.2	98.6	98.6	99.4	99.6	99.7	99.7
≥ 500 ≥ 400	94.4	96.1	96.4	96.9	97.6	97.6	97.9	98.0	98.0	98.6	98.9	98.9	99.8	99.9	100.0	100.0
	94.4	96.1	96.4	96.9	97.6	97.6	97.9	98.0	98.0	98.6	98.9	98.9	99.8	99.9	100.0	100.0
≥ 300 ≥ 200	94.4	96.1	96.4	96.9	97.6	97.6	97.9	98.0	98.0	98.6	98.9	98.9	99.8	99.9	100.0	100.0
	94.4	96.1	96.4	96.9	97.6	97.6	97.9	98.0	98.0	98.6	98.9	98.9	99.8	99.9	100.0	100.0
≥ 100 ≥ 0	94.4	96.1	96.4	96.9	97.6	97.6	97.9	98.0	98.0	98.6	98.9	98.9	99.8	99.9	100.0	100.0
	94.4	96.1	96.4	96.9	97.6	97.6	97.9	98.0	98.0	98.6	98.9	98.9	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20102 STATION NUMBER FORT SMITH MAP UNIT APT STATION NAME 57-66 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 LOCAL (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	62.7	62.8	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000	63.6	63.7	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 18000	63.6	63.7	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 16000	63.6	63.7	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 14000	64.7	64.8	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 12000	65.9	66.0	66.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 10000	68.3	68.4	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 9000	69.1	69.2	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 8000	73.0	73.3	73.7	73.8	73.9	73.9	73.9	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 7000	78.1	78.7	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 6000	79.2	79.8	80.3	80.6	80.7	80.7	80.7	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 5000	81.7	82.3	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4500	82.6	83.3	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4000	83.7	84.4	85.0	85.2	85.4	85.4	85.4	85.4	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	84.9	85.9	86.4	86.7	86.9	86.9	86.9	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3000	87.6	88.6	89.1	89.4	89.7	89.7	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	89.7	90.7	91.3	91.7	91.9	92.0	92.2	92.3	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2000	90.7	92.0	92.7	93.1	93.3	93.6	93.9	94.1	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1800	91.1	92.4	93.1	93.7	93.9	94.1	94.4	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1500	91.8	93.2	94.0	94.6	94.8	95.0	95.3	95.7	95.7	96.2	96.2	96.2	96.2	96.3	96.3	96.3
≥ 1200	92.2	93.8	94.6	95.1	95.3	95.6	95.9	96.2	96.2	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 1000	92.7	94.4	95.2	95.8	96.1	96.3	96.8	97.1	97.1	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 900	92.7	94.4	95.2	95.8	96.1	96.3	96.8	97.1	97.1	98.0	98.0	98.0	98.2	98.2	98.2	98.2
≥ 800	92.9	94.8	95.6	96.1	96.4	96.7	97.2	97.6	97.6	98.4	98.6	98.6	98.8	98.8	98.8	98.8
≥ 700	92.9	94.8	95.6	96.1	96.4	96.7	97.2	97.6	97.6	98.4	98.8	98.8	99.0	99.0	99.0	99.0
≥ 600	93.0	95.1	95.9	96.4	96.8	97.0	97.6	97.9	97.9	98.8	99.1	99.1	99.3	99.3	99.3	99.3
≥ 500	93.2	95.4	96.2	96.8	97.1	97.3	97.9	98.2	98.2	99.1	99.4	99.4	99.8	99.8	99.8	99.8
≥ 400	93.2	95.4	96.2	96.8	97.1	97.3	97.9	98.2	98.2	99.1	99.4	99.4	99.8	99.8	99.8	99.8
≥ 300	93.2	95.4	96.2	96.8	97.1	97.3	97.9	98.2	98.2	99.1	99.4	99.4	99.8	99.8	99.8	99.8
≥ 200	93.2	95.4	96.2	96.8	97.1	97.3	97.9	98.2	98.2	99.1	99.4	99.4	99.8	99.8	99.8	99.8
≥ 100	93.2	95.4	96.2	96.8	97.1	97.3	97.9	98.2	98.2	99.1	99.4	99.4	99.8	99.8	99.8	99.8
≥ 0	93.2	95.4	96.2	96.8	97.1	97.3	97.9	98.2	98.2	99.1	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] STATION NAME [illegible] 57-66 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] GMT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	63.4	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 20000	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 18000	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 16000	66.2	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 14000	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 12000	69.2	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 10000	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 9000	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000	79.1	79.1	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 7000	81.6	81.6	81.7	81.8	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 6000	83.3	83.3	83.4	83.5	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	86.7	86.7	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500	87.6	87.6	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4000	89.6	89.6	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500	90.8	90.9	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3000	92.0	92.2	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	93.7	93.8	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	94.8	94.9	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	95.2	95.4	95.6	95.7	95.9	95.9	95.9	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	95.8	96.3	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	96.6	97.3	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	96.7	97.4	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	96.8	97.5	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	96.8	97.5	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	96.8	97.5	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	97.0	97.7	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	97.2	98.0	98.4	98.5	98.7	98.7	98.7	98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	97.2	98.0	98.4	98.5	98.7	98.7	98.7	98.7	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	97.5	98.3	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	97.5	98.3	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	97.5	98.3	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
0	97.5	98.3	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~2A1A2~~ STATION ~~FORT SMITH MUNI/ADT~~ STATION NAME 57-66 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~0100-0300~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.4	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.0	58.0
≥ 20000	59.7	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2
≥ 18000	59.9	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4
≥ 16000	60.1	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6
≥ 14000	62.3	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8
≥ 12000	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7
≥ 10000	68.3	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8
≥ 9000	70.8	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.4	71.3
≥ 8000	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7
≥ 7000	78.6	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.4
≥ 6000	79.7	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
≥ 5000	82.9	83.1	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8
≥ 4500	83.8	84.0	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6
≥ 4000	87.3	87.5	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3
≥ 3500	88.2	88.5	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2
≥ 3000	90.9	91.4	91.8	91.9	91.9	91.9	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.4	92.4
≥ 2500	92.0	92.6	93.0	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.5	93.5
≥ 2000	93.1	93.7	94.4	94.5	94.5	94.5	94.7	94.8	94.8	94.9	95.1	95.1	95.1	95.1	95.2	95.2
≥ 1800	93.3	93.9	94.6	94.7	94.7	94.7	94.9	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.4	95.4
≥ 1500	94.3	94.8	95.6	95.8	95.8	95.8	96.1	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.7	96.7
≥ 1200	95.1	95.6	96.5	96.7	96.7	96.7	97.0	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.5	97.5
≥ 1000	95.4	96.0	96.9	97.1	97.1	97.1	97.4	97.6	97.6	97.7	98.1	98.1	98.1	98.1	98.2	98.2
≥ 900	95.7	96.3	97.2	97.4	97.4	97.4	97.7	98.0	98.0	98.1	98.4	98.4	98.4	98.4	98.5	98.5
≥ 800	95.8	96.5	97.3	97.5	97.5	97.5	97.8	98.1	98.1	98.2	98.5	98.5	98.5	98.5	98.6	98.6
≥ 700	95.8	96.5	97.3	97.5	97.5	97.5	97.8	98.1	98.1	98.2	98.5	98.5	98.5	98.5	98.6	98.6
≥ 600	95.8	96.5	97.3	97.5	97.5	97.5	97.8	98.1	98.1	98.2	98.5	98.5	98.5	98.5	98.6	98.6
≥ 500	93.8	96.5	97.3	97.5	97.5	97.5	97.8	98.1	98.1	98.2	98.5	98.5	98.5	98.5	98.6	98.6
≥ 400	96.1	96.8	97.6	97.8	97.8	97.8	98.2	98.5	98.5	98.6	98.9	98.9	98.9	98.9	99.0	99.0
≥ 300	96.3	97.1	98.1	98.3	98.4	98.4	98.7	99.0	99.0	99.1	99.5	99.5	99.5	99.5	99.6	99.6
≥ 200	96.3	97.1	98.1	98.3	98.4	98.4	98.7	99.0	99.0	99.1	99.5	99.5	99.6	99.6	99.9	99.9
≥ 100	96.3	97.1	98.1	98.3	98.4	98.4	98.7	99.0	99.0	99.1	99.5	99.5	99.6	99.6	100.0	100.0
≥ 0	96.3	97.1	98.1	98.3	98.4	98.4	98.7	99.0	99.0	99.1	99.5	99.5	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24142 STATION | FORT SMITH NAT WIT APT STATION NAME | 57-66 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.1	53.1	53.1	53.1
≥ 20000	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.2
≥ 18000	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3
≥ 16000	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.5
≥ 14000	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.7	59.7	59.7	59.8	59.8	59.8	59.8
≥ 12000	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.7
≥ 10000	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9
≥ 9000	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.7
≥ 8000	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.3
≥ 7000	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	78.0	78.0	78.0	78.1	78.1	78.1	78.1
≥ 6000	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.6	78.6	78.6	78.7	78.7	78.7	78.7
≥ 5000	80.8	80.8	80.8	80.8	80.8	80.8	80.9	81.0	81.0	81.3	81.3	81.3	81.4	81.4	81.4	81.4
≥ 4500	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.5	81.5	81.8	81.8	81.8	81.9	81.9	81.9	81.9
≥ 4000	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.4	84.4	84.7	84.7	84.7	84.8	84.8	84.8	84.8
≥ 3500	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.9	85.9	86.2	86.2	86.2	86.3	86.3	86.3	86.3
≥ 3000	88.2	88.3	88.3	88.3	88.3	88.3	88.4	88.5	88.5	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 2500	88.7	88.8	88.8	88.8	88.9	88.9	89.2	89.4	89.4	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 2000	90.0	90.1	90.1	90.1	90.2	90.2	90.4	90.8	90.8	91.2	91.3	91.3	91.4	91.4	91.4	91.4
≥ 1800	90.1	90.2	90.2	90.2	90.4	90.4	90.9	91.0	91.0	91.4	91.5	91.5	91.6	91.6	91.6	91.6
≥ 1500	91.7	91.9	91.9	91.9	92.5	92.5	92.9	93.0	93.0	93.5	93.7	93.7	93.8	93.8	93.8	93.8
≥ 1200	92.8	93.0	93.1	93.1	93.7	93.7	94.1	94.2	94.2	94.7	94.8	94.8	94.9	94.9	94.9	94.9
≥ 1000	93.4	93.7	93.8	93.8	94.3	94.3	94.7	94.8	94.8	95.4	95.5	95.5	95.6	95.6	95.6	95.6
≥ 900	93.8	94.0	94.1	94.1	94.6	94.6	95.1	95.2	95.2	95.7	95.8	95.8	95.9	95.9	95.9	95.9
≥ 800	94.3	94.7	95.1	95.1	95.7	95.7	96.1	96.2	96.2	96.8	97.0	97.0	97.1	97.1	97.1	97.1
≥ 700	94.7	94.9	95.3	95.3	95.9	95.9	96.3	96.5	96.5	97.0	97.2	97.2	97.4	97.4	97.4	97.4
≥ 600	94.9	95.3	95.6	95.6	96.2	96.2	96.7	96.8	96.8	97.3	97.5	97.5	97.7	97.7	97.7	97.7
≥ 500	95.4	95.9	96.2	96.2	96.9	96.9	97.3	97.4	97.4	98.1	98.4	98.4	98.6	98.6	98.6	98.6
≥ 400	95.5	96.1	96.5	96.5	97.2	97.2	97.6	97.7	97.7	98.4	98.9	98.9	99.1	99.1	99.1	99.1
≥ 300	95.5	96.2	96.6	96.6	97.3	97.3	97.8	98.0	98.0	98.8	99.1	99.1	99.4	99.4	99.4	99.4
≥ 200	95.5	96.2	96.6	96.6	97.3	97.3	97.8	98.0	98.0	98.8	99.1	99.1	99.5	99.6	99.6	99.6
≥ 100	95.5	96.2	96.6	96.6	97.3	97.3	97.8	98.0	98.0	98.8	99.1	99.1	99.5	99.6	99.6	100.0
0	95.5	96.2	96.6	96.6	97.3	97.3	97.8	98.0	98.0	98.8	99.1	99.1	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~24132~~ STATION ~~FORT SMITH MUNI APT~~ STATION NAME ~~57-66~~ YEARS JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0000-1100~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 20000	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV ≥ 18000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 16000	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV ≥ 14000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 12000	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV ≥ 10000	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 9000	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV ≥ 8000	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 7000	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV ≥ 6000	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 5000	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV ≥ 4500	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	80.6	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV ≥ 3500	81.9	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3000	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV ≥ 2500	87.8	88.1	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2000	89.7	89.9	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV ≥ 1800	90.2	90.4	90.4	90.5	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1500	91.8	92.0	92.0	92.2	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV ≥ 1200	93.3	93.5	93.5	93.7	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	94.0	94.2	94.2	94.4	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV ≥ 900	94.6	94.8	94.8	95.1	95.5	95.5	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	95.3	95.7	95.7	95.9	96.5	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV ≥ 700	95.8	96.2	96.2	96.5	97.0	97.0	97.0	97.0	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	96.0	96.5	96.5	96.7	97.2	97.2	97.2	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6
IV ≥ 500	97.0	97.5	97.5	97.7	98.3	98.3	98.3	98.5	98.5	98.8	99.0	99.0	99.0	99.1	99.1	99.1
≥ 400	97.0	97.6	97.6	97.8	98.4	98.4	98.4	98.6	98.6	98.9	99.2	99.2	99.2	99.6	99.6	99.6
IV ≥ 300	97.0	97.6	97.6	97.8	98.4	98.4	98.4	98.6	98.6	98.9	99.2	99.2	99.2	99.6	99.6	99.6
≥ 200	97.1	97.8	97.8	98.2	98.7	98.7	98.7	98.9	98.9	99.2	99.6	99.6	99.6	100.0	100.0	100.0
IV ≥ 100	97.1	97.8	97.8	98.2	98.7	98.7	98.7	98.9	98.9	99.2	99.6	99.6	99.6	100.0	100.0	100.0
0	97.1	97.8	97.8	98.2	98.7	98.7	98.7	98.9	98.9	99.2	99.6	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 910

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~20102~~ STATION — ~~FORT SMITH NAT UNIT APT~~ STATION NAME — ~~57-66~~ YEARS — ~~MAY~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1200-1600~~ CONN (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 20000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 18000	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 16000	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 14000	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 12000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 10000	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 9000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 8000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 7000	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 6000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 5000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3000	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2500	89.5	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1800	93.0	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	94.5	94.7	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	94.9	95.3	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1000	95.9	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	96.0	96.3	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	96.3	96.9	97.1	97.1	97.1	97.2	97.4	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	97.0	97.5	97.7	97.7	97.7	98.0	98.2	98.2	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	97.1	97.6	97.8	97.8	97.8	98.1	98.3	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	97.7	98.3	98.5	98.5	98.5	98.8	99.0	99.1	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 400	97.7	98.5	98.7	98.7	98.7	99.0	99.2	99.4	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	97.7	98.5	98.7	98.7	98.7	99.0	99.2	99.4	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	97.7	98.5	98.7	98.7	98.7	99.0	99.2	99.4	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0
≥ 100	97.7	98.5	98.7	98.7	98.7	99.0	99.2	99.4	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0
≥ 0	97.7	98.5	98.7	98.7	98.7	99.0	99.2	99.4	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME FORT SMITH MUNI ARPT _____ 57-66 YEARS _____ MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 20000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 18000	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 16000	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 12000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 10000	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 9000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 8000	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 7000	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 6000	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 5000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3000	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	96.0	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	96.7	96.7	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	97.2	97.2	97.3	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	97.4	97.4	97.5	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	97.7	97.7	97.8	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.8	98.8	98.9	98.9
≥ 700	97.8	97.8	98.0	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.7	98.7	98.9	98.9	99.0	99.0
≥ 600	98.1	98.1	98.2	98.3	98.6	98.6	98.7	98.8	98.8	98.8	99.0	99.0	99.2	99.2	99.4	99.4
≥ 500	98.4	98.4	98.5	98.6	98.9	98.9	99.0	99.1	99.1	99.1	99.4	99.4	99.6	99.6	99.7	99.7
≥ 400	98.6	98.7	98.8	98.9	99.2	99.2	99.4	99.5	99.5	99.5	99.7	99.7	99.9	99.9	100.0	100.0
≥ 300	98.6	98.7	98.8	98.9	99.2	99.2	99.4	99.5	99.5	99.5	99.7	99.7	99.9	99.9	100.0	100.0
≥ 200	98.6	98.7	98.8	98.9	99.2	99.2	99.4	99.5	99.5	99.5	99.7	99.7	99.9	99.9	100.0	100.0
≥ 100	98.6	98.7	98.8	98.9	99.2	99.2	99.4	99.5	99.5	99.5	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	98.6	98.7	98.8	98.9	99.2	99.2	99.4	99.5	99.5	99.5	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~23102~~ STATION ~~FORT SMITH NAT UNT AGT~~ STATION NAME 57-66 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1 HOUR (L.S.T.)~~ ~~1400-2000~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 20000	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 18000	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 16000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 12000	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 9000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 7000	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 5000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 4000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3000	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	97.7	98.0	98.0	98.0	98.1	98.1	98.2	98.3	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	98.0	98.2	98.2	98.2	98.3	98.3	98.4	98.5	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	98.7	99.1	99.1	99.1	99.2	99.2	99.4	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.7	99.1	99.1	99.1	99.2	99.2	99.4	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.8	99.2	99.2	99.2	99.4	99.4	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.2	99.2	99.2	99.4	99.4	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.2	99.2	99.2	99.4	99.4	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	99.2	99.2	99.2	99.4	99.4	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0	98.8	99.2	99.2	99.2	99.4	99.4	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

24132 STATION | FORT SMITH MUNI AIRPORT STATION NAME | 57-66 YEARS | AY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 18000	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 16000	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 14000	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 12000	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 10000	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 9000	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 8000	77.0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 6000	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 5000	83.8	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4500	85.2	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4000	87.7	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	88.3	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	91.5	92.4	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	92.9	93.8	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	94.7	95.6	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	94.8	95.7	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	95.4	96.2	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	96.4	97.2	97.3	97.4	97.5	97.6	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	96.6	97.5	97.6	97.8	98.1	98.2	98.2	98.2	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	96.7	97.6	97.7	98.0	98.2	98.3	98.3	98.3	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	97.0	98.0	98.1	98.3	98.5	98.6	98.6	98.6	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	97.3	98.3	98.4	98.6	98.8	98.9	98.9	98.9	98.9	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	97.7	98.7	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.7	98.7	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.7	98.7	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.7	98.7	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.7	98.7	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.7	98.7	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
0	97.7	98.7	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

2616.2 STATION — FORT SMITH MKT ODT ARP STATION NAME — 57-66 YEARS — JUNE MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 20000	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 16000	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 14000	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 12000	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 10000	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 9000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 7000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 6000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 5000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3500	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	97.0	97.3	97.4	97.6	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	97.3	97.9	98.0	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	97.4	98.1	98.2	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	97.4	98.1	98.2	98.3	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	97.6	98.2	98.3	98.4	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	97.8	98.6	98.7	98.8	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4
≥ 400	98.1	98.9	99.0	99.1	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 300	98.2	99.0	99.1	99.2	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	98.3	99.1	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	98.3	99.1	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	98.3	99.1	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | 57-66 YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

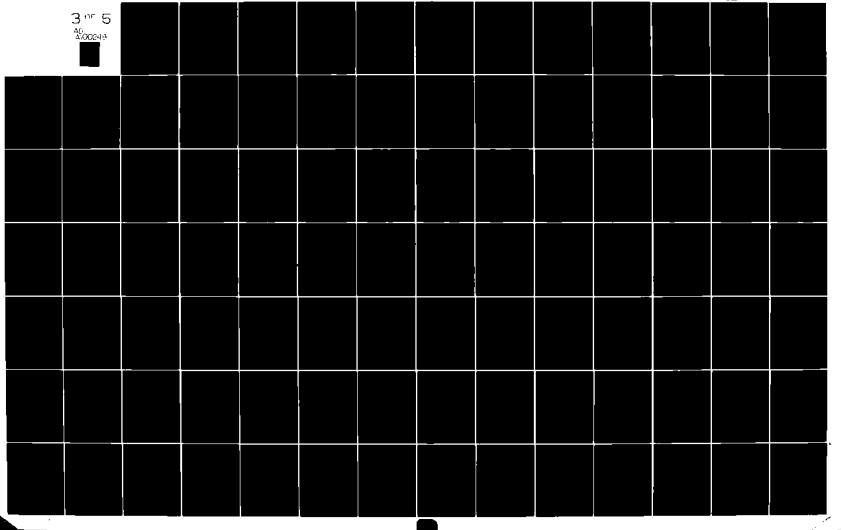
CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	58.1	58.2	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 20000	60.4	60.6	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000	60.7	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 16000	60.7	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 14000	61.8	61.9	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 12000	64.6	64.7	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	68.1	68.2	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 9000	70.7	70.8	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 8000	75.2	75.3	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 7000	78.2	78.3	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	80.1	80.3	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	84.0	84.2	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4500	84.8	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 4000	87.9	88.1	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3500	88.8	89.0	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000	90.0	90.8	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	91.8	92.0	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	92.3	92.6	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	92.4	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	94.0	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	95.1	95.4	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1000	96.7	96.3	96.4	96.7	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	97.1	96.4	96.6	96.8	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	95.7	96.6	96.7	96.9	97.1	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	96.0	96.7	96.8	97.0	97.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	96.0	97.0	97.1	97.3	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1
≥ 500	96.4	97.6	97.7	97.9	98.2	98.2	98.4	98.6	98.6	98.6	98.6	98.9	99.0	99.0	99.0	99.0
≥ 400	96.4	97.6	97.7	97.9	98.2	98.2	98.4	98.7	98.7	98.7	98.7	99.0	99.1	99.1	99.1	99.1
≥ 300	97.0	98.1	98.2	98.4	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.4	99.7	99.7	99.7	99.7
≥ 200	97.1	98.2	98.3	98.6	99.0	99.0	99.3	99.4	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0
≥ 100	97.1	98.2	98.3	98.6	99.0	99.0	99.3	99.4	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0
≥ 0	97.1	98.2	98.3	98.6	99.0	99.0	99.3	99.4	99.4	99.4	99.6	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

AD-A100 249 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FT SMITH, NORTHWEST TERRITORIES, CANADA, REVISED UNIFORM SUMMAR--ETC(U)
JAN 72

UNCLASSIFIED USAFETAC/DS-81/044 SBIE-AD-E850 072 NL

3 OF 5
AD
A100249



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ 57-60 YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0900 (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 20000	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 14000	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 12000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 10000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.3	67.3	67.3
≥ 9000	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.7	70.7	70.7
≥ 8000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.4	75.4	75.4
≥ 7000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.0
≥ 6000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.2
≥ 5000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.8	82.8	82.8
≥ 4500	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	83.0	83.0	83.0
≥ 4000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.7	84.7	84.7
≥ 3500	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.7	85.7	85.7
≥ 3000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.8	87.8	87.8
≥ 2500	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.7	89.7	89.7
≥ 2000	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.6	90.6	90.6
≥ 1800	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.8	90.8	90.8
≥ 1500	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9
≥ 1200	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.9	93.9	93.9
≥ 1000	94.7	94.8	94.8	94.8	94.8	94.8	94.9	95.1	95.1	95.2	95.3	95.3	95.3	95.4	95.4	95.4
≥ 900	94.7	94.8	94.8	94.9	94.9	94.9	95.0	95.2	95.2	95.3	95.4	95.4	95.4	95.6	95.6	95.6
≥ 800	95.4	95.6	95.6	95.7	95.8	95.8	95.9	96.1	96.1	96.2	96.3	96.3	96.3	96.4	96.4	96.4
≥ 700	95.7	95.8	95.9	96.0	96.2	96.2	96.4	96.7	96.7	96.8	96.9	96.9	96.9	97.0	97.0	97.0
≥ 600	95.7	95.9	96.1	96.4	96.7	96.7	97.0	97.2	97.2	97.3	97.6	97.6	97.6	97.7	97.7	97.7
≥ 500	96.0	96.4	96.8	97.4	97.8	97.8	98.1	98.3	98.3	98.6	98.8	98.8	98.8	99.0	99.0	99.0
≥ 400	96.1	96.6	96.9	97.6	97.9	97.9	98.2	98.4	98.4	98.7	98.9	98.9	98.9	99.1	99.1	99.1
≥ 300	96.9	97.3	97.7	98.3	98.7	98.7	99.0	99.2	99.2	99.4	99.7	99.7	99.7	99.9	99.9	99.9
≥ 200	97.0	97.4	97.8	98.4	98.8	98.8	99.1	99.3	99.3	99.6	99.8	99.8	99.8	100.0	100.0	100.0
≥ 100	97.0	97.4	97.8	98.4	98.8	98.8	99.1	99.3	99.3	99.6	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0	97.0	97.4	97.8	98.4	98.8	98.8	99.1	99.3	99.3	99.6	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~23102~~ STATION ~~FORT SMITH MUNICIPAL APT~~ STATION NAME ~~57-66~~ YEARS ~~JULY~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0600-1100~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 16000	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 14000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 12000	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 10000	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 8000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 7000	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 6000	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 5000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 4500	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3500	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3000	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2500	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1500	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	95.3	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	96.2	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	96.7	97.7	97.8	97.8	97.8	97.8	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	97.0	98.4	98.6	98.6	98.6	98.6	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	97.3	98.8	98.9	98.9	99.1	99.1	99.2	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	97.3	98.8	98.9	99.0	99.3	99.3	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.3	98.8	98.9	99.0	99.3	99.3	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.3	98.8	98.9	99.0	99.3	99.3	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.3	98.8	98.9	99.0	99.3	99.3	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.3	98.8	98.9	99.0	99.3	99.3	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~72102~~ STATION ~~FORT SMITH RGNL ARPT~~ STATION NAME ~~57-66~~ YEARS ~~JUL~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1200-1400~~ (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 20000	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 18000	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 16000	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 14000	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 12000	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 10000	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 9000	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 8000	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 7000	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 6000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 5000	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 4500	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3500	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2500	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	95.0	95.2	95.2	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	95.8	96.0	96.0	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	96.6	96.8	96.8	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	97.4	97.9	98.0	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	97.4	98.3	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	98.0	98.9	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.1	99.0	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.1	99.0	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.1	99.0	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.1	99.0	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.1	99.0	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.1	99.0	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~2616~~ STATION | FORT SMITH NAT AIRPORT STATION NAME | ~~57-66~~ YEARS | ~~JAN~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1200-1700~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 18000	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 16000	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 12000	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 10000	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 9000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 8000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 7000	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 6000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 5000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4500	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4000	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3500	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3000	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	97.0	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	97.8	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	98.0	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	98.6	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	98.7	99.1	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	98.7	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.7	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOUR (LST) 1800-2100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 20000	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 18000	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 16000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 14000	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 12000	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 10000	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 9000	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 8000	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4500	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4000	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3500	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	96.8	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	97.8	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	98.1	98.2	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	98.6	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	98.9	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	98.9	99.1	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	99.0	99.2	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	99.0	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.0	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.0	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.0	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.0	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~20102~~ STATION ~~FUCI SMITH MET, NOT ART~~ STATION NAME ~~57-66~~ YEARS JUNE MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~2100-2300~~ HOUR (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 18000	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 16000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 10000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 9000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 8000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 7000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 6000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	97.1	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.4
≥ 1000	97.4	97.9	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	97.4	97.9	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	97.7	98.1	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	97.8	98.3	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	97.8	98.3	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	98.0	99.7	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	98.2	99.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.3	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.3	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.3	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.3	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~23107~~ STATION ~~FT SMITH MUNI ARPT~~ STATION NAME ~~57-66~~ YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0000-0700~~ HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	59.9	60.0	60.0	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4
	63.0	63.1	63.1	63.1	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5
≥ 18000 ≥ 16000	63.0	63.1	63.1	63.1	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5
	63.2	63.3	63.3	63.3	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8
≥ 14000 ≥ 12000	63.8	63.9	63.9	63.9	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3
	66.6	66.7	66.7	66.7	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1
≥ 10000 ≥ 9000	70.2	70.3	70.3	70.3	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.8	70.8
	73.0	73.1	73.1	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5
≥ 8000 ≥ 7000	75.9	76.0	76.0	76.0	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5
	78.3	78.4	78.4	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8
≥ 6000 ≥ 5000	79.6	80.0	80.0	80.0	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4
	83.0	83.4	83.4	83.4	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9
≥ 4500 ≥ 4000	83.5	84.0	84.0	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4
	86.7	87.1	87.1	87.2	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
≥ 3500 ≥ 3000	87.3	87.7	87.7	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3
	88.7	89.1	89.1	89.2	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7
≥ 2500 ≥ 2000	90.5	91.0	91.0	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5
	92.4	92.8	92.8	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3
≥ 1800 ≥ 1500	92.7	93.1	93.1	93.2	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7
	93.3	94.0	94.0	94.1	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 1200 ≥ 1000	94.3	94.9	95.1	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
	95.2	95.9	96.0	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.7	96.7	96.7	96.7
≥ 900 ≥ 800	95.6	96.3	96.5	96.6	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
	96.1	97.1	97.2	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 700 ≥ 600	96.1	97.1	97.2	97.3	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
	96.2	97.2	97.3	97.4	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 500 ≥ 400	96.5	97.8	98.0	98.1	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
	96.5	98.1	98.2	98.3	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 300 ≥ 200	96.8	98.7	98.9	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	96.8	98.7	98.9	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	96.8	98.7	98.9	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	96.8	98.7	98.9	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ 57-66 YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.9	55.4	55.5	55.5	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.1	56.2
≥ 20000	58.1	58.7	58.9	58.9	59.2	59.2	59.2	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.6	59.8
≥ 18000	58.4	58.8	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.7	59.9
≥ 16000	58.5	58.9	59.1	59.1	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.8	60.0
≥ 14000	59.4	59.8	60.0	60.0	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.6	60.9
≥ 12000	62.4	62.8	63.0	63.0	63.3	63.3	63.4	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.7	63.9
≥ 10000	65.8	66.3	66.6	66.6	66.9	66.9	66.9	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.2	67.4
≥ 9000	69.2	69.9	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.8	70.8	70.8	70.8	70.8	70.9	71.2
≥ 8000	74.5	75.2	75.4	75.4	75.7	75.7	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.1	76.5
≥ 7000	76.9	77.6	77.8	77.8	78.2	78.2	78.2	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.6	78.9
≥ 6000	77.8	79.0	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.9	79.9	79.9	79.9	79.9	80.0	80.3
≥ 5000	80.2	81.4	81.6	81.6	81.9	81.9	81.9	81.9	81.9	82.4	82.4	82.4	82.4	82.4	82.5	82.8
≥ 4500	80.4	81.6	81.8	81.8	82.2	82.2	82.2	82.2	82.2	82.6	82.6	82.6	82.6	82.6	82.7	83.0
≥ 4000	82.8	84.0	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.9	84.9	84.9	84.9	84.9	85.1	85.4
≥ 3500	83.2	84.4	84.6	84.6	85.1	85.1	85.1	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.6	85.9
≥ 3000	85.5	86.7	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.7	87.7	87.7	87.7	87.7	87.8	88.3
≥ 2500	87.6	88.8	89.0	89.0	89.5	89.5	89.5	89.5	89.5	90.0	90.0	90.0	90.0	90.0	90.1	90.5
≥ 2000	89.6	90.8	91.0	91.0	91.4	91.4	91.4	91.4	91.4	91.9	91.9	91.9	91.9	91.9	92.0	92.5
≥ 1800	90.0	91.2	91.4	91.4	91.8	91.8	91.8	91.8	91.8	92.4	92.4	92.4	92.4	92.4	92.5	92.9
≥ 1500	90.6	91.8	92.0	92.0	92.5	92.5	92.5	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.1	93.5
≥ 1200	91.3	92.5	92.7	92.7	93.2	93.2	93.2	93.2	93.2	93.8	93.8	93.9	93.9	93.9	94.0	94.4
≥ 1000	92.3	93.4	93.8	93.8	94.4	94.4	94.4	94.4	94.4	94.9	94.9	95.1	95.1	95.1	95.2	95.6
≥ 900	92.9	94.1	94.4	94.4	95.1	95.1	95.1	95.1	95.1	95.6	95.6	95.7	95.7	95.7	95.8	96.2
≥ 800	93.0	94.5	94.8	94.8	95.5	95.5	95.5	95.5	95.5	96.0	96.0	96.1	96.1	96.1	96.2	96.7
≥ 700	93.2	94.7	95.1	95.1	95.7	95.7	95.7	95.7	95.7	96.2	96.2	96.3	96.3	96.3	96.5	96.9
≥ 600	93.4	94.9	95.3	95.3	95.9	95.9	96.0	96.0	96.0	96.6	96.6	96.7	96.7	96.7	96.8	97.2
≥ 500	94.3	96.0	96.3	96.5	97.1	97.1	97.2	97.2	97.2	97.7	97.7	97.8	97.8	97.8	98.0	98.4
≥ 400	94.5	96.0	96.3	96.5	97.3	97.3	97.4	97.4	97.4	98.0	98.0	98.1	98.1	98.1	98.2	98.6
≥ 300	94.5	96.6	96.9	97.0	97.8	97.8	98.3	98.3	98.3	98.8	98.8	98.9	98.9	98.9	99.1	99.7
≥ 200	94.5	96.6	96.9	97.0	97.8	97.8	98.3	98.3	98.3	98.8	98.8	98.9	98.9	98.9	99.1	99.7
≥ 100	94.5	96.6	96.9	97.0	97.8	97.8	98.3	98.3	98.3	98.8	98.8	98.9	98.9	98.9	99.1	99.8
≥ 0	94.5	96.6	96.9	97.0	97.8	97.8	98.3	98.3	98.3	98.8	98.8	98.9	98.9	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

261=2 STATION — FORT SMITH MKT MUNI ARPT STATION NAME — 57-66 YEARS — JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0900 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.3	54.6	54.6	54.6	54.9	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 20000	57.8	58.2	58.2	58.2	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 18000	58.2	58.5	58.5	58.5	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 16000	58.4	58.7	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 14000	59.1	59.5	59.5	59.5	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 12000	63.0	63.5	63.5	63.5	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	68.4	68.9	68.9	68.9	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 9000	71.0	71.5	71.5	71.5	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 8000	76.3	76.9	76.9	76.9	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 7000	79.0	79.6	79.6	79.7	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 6000	80.5	81.1	81.1	81.2	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000	82.0	82.6	82.6	82.7	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500	82.6	83.1	83.1	83.2	83.5	83.5	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4000	84.5	85.1	85.1	85.2	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3500	84.7	85.3	85.3	85.4	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3000	86.0	86.7	86.7	86.8	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2500	87.7	88.4	88.4	88.5	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	89.0	89.7	89.7	89.8	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	89.2	89.9	89.9	90.0	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1500	90.9	91.5	91.5	91.6	91.9	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	92.2	92.8	92.8	92.9	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	94.2	94.1	94.1	94.2	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	93.7	94.5	94.5	94.6	94.9	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	93.9	94.7	94.8	94.9	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	94.1	95.1	95.2	95.3	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	94.7	95.8	95.9	96.0	96.5	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	95.7	97.0	97.2	97.3	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	95.9	97.4	97.6	98.0	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 300	96.2	97.7	98.1	98.5	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.8	99.8
≥ 200	96.2	97.7	98.1	98.5	98.9	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.8	99.8	100.0	100.0
≥ 100	96.2	97.7	98.1	98.5	98.9	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.8	99.8	100.0	100.0
0	96.2	97.7	98.1	98.5	98.9	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

STATION — STATION NAME — 57-66 YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOUR (LST) 0800-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.0	50.2	50.3	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 20000	54.3	54.5	54.7	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	54.4	54.6	54.8	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 16000	54.5	54.7	54.9	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 14000	55.8	55.0	56.2	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000	58.6	58.8	59.0	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 10000	63.5	63.6	64.0	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 9000	66.9	67.1	67.4	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 8000	69.8	70.2	70.4	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	71.8	72.3	72.5	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 6000	72.6	73.0	73.2	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 5000	74.4	74.8	75.1	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 4500	74.7	75.2	75.4	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4000	76.8	77.2	77.4	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3500	78.1	78.5	78.7	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3000	81.0	81.4	81.6	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2500	82.8	83.2	83.4	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	87.2	87.6	87.8	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	87.7	88.2	88.4	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500	89.5	90.1	90.3	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	91.4	92.0	92.3	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	93.1	93.8	94.2	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	94.3	95.2	95.6	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	94.7	95.7	96.1	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	95.8	96.3	96.9	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	96.0	97.2	97.7	98.0	98.4	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	96.6	97.8	98.4	98.7	99.1	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	96.6	97.8	98.4	98.7	99.1	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	96.6	97.8	98.5	98.8	99.2	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.6	97.8	98.5	98.8	99.2	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.6	97.8	98.5	98.8	99.2	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	96.6	97.8	98.5	98.8	99.2	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 940

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION — [redacted] STATION NAME — 57-66 YEARS — [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.9	41.9	42.2	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 20000	49.1	49.1	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 18000	49.5	49.5	49.7	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 16000	49.9	49.9	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 14000	51.0	51.0	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 12000	54.4	54.3	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 10000	57.8	57.8	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 9000	59.2	59.6	59.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 8000	63.1	63.4	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 7000	64.1	64.4	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 6000	65.1	65.4	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 5000	69.4	69.7	70.1	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 4500	71.4	71.7	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 4000	79.2	79.6	80.0	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3500	81.5	81.8	82.3	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000	85.7	86.0	86.5	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2500	87.5	87.8	88.3	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	90.9	91.2	91.6	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1800	91.5	91.8	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	93.2	93.7	94.1	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	95.9	96.5	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	96.7	97.2	97.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	97.2	97.8	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	97.4	98.0	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	97.6	98.3	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	97.7	98.4	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	98.4	98.9	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	98.4	99.0	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.4	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.4	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.4	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.4	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 9[illegible]0

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
OFFUTT AFB, NEBRASKA

CEILING VERSUS VISIBILITY

[redacted] STATION NAME [redacted] 57-66 YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted]

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	42.7	42.6	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 18000 ≥ 16000	50.0	50.1	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 14000 ≥ 12000	50.5	50.6	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 10000 ≥ 9000	54.7	54.9	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 8000 ≥ 7000	59.5	59.7	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 6000 ≥ 5000	60.4	60.8	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 4500 ≥ 4000	64.7	65.2	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 3500 ≥ 3000	67.4	67.8	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 2500 ≥ 2000	68.5	68.9	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 1800 ≥ 1500	73.9	74.3	74.6	74.6	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 1200 ≥ 1000	76.2	76.7	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 900 ≥ 800	82.8	83.2	83.5	83.5	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1
≥ 700 ≥ 600	85.0	85.4	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9
≥ 500 ≥ 400	88.2	88.6	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 300 ≥ 200	91.0	91.1	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9
≥ 100 ≥ 0	93.0	93.4	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
	93.3	93.8	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
	94.0	95.2	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
	95.9	96.5	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	96.9	97.6	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
	97.1	97.8	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
	97.4	98.2	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	97.5	98.3	98.6	98.6	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	98.0	98.7	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	98.4	99.1	99.5	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	98.4	99.1	99.5	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	98.4	99.1	99.5	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	98.4	99.1	99.5	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	98.4	99.1	99.5	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	98.4	99.1	99.5	99.5	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] STATION NAME 57-66 YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] GMT [illegible]

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1⅝	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.6	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	57.7	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 18000	57.8	58.6	58.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 16000	57.8	58.6	58.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 14000	59.1	59.9	59.9	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 12000	61.9	62.7	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 10000	66.9	67.6	67.6	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 9000	68.5	69.2	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 8000	74.0	75.4	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 7000	77.2	78.0	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 6000	78.0	79.5	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 5000	83.8	84.7	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4500	85.7	86.7	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4000	88.3	89.2	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3500	89.6	90.5	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3000	90.9	91.8	91.8	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	92.6	93.5	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	91.9	93.9	93.9	93.9	93.9
≥ 2000	94.3	95.3	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	94.5	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	95.2	96.1	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	95.8	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	96.6	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	96.6	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	97.1	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	97.2	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	97.4	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	98.0	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	98.2	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.2	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.2	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.2	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.2	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 936

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[redacted] STATION NAME [redacted] YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted]

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[redacted]															
≥ 20000	[redacted]															
≥ 18000	[redacted]															
≥ 16000	[redacted]															
≥ 14000	[redacted]															
≥ 12000	[redacted]															
≥ 10000	[redacted]															
≥ 9000	[redacted]															
≥ 8000	[redacted]															
≥ 7000	[redacted]															
≥ 6000	[redacted]															
≥ 5000	[redacted]															
≥ 4500	[redacted]															
≥ 4000	[redacted]															
≥ 3500	[redacted]															
≥ 3000	[redacted]															
≥ 2500	[redacted]															
≥ 2000	[redacted]															
≥ 1800	[redacted]															
≥ 1500	[redacted]															
≥ 1200	[redacted]															
≥ 1000	[redacted]															
≥ 900	[redacted]															
≥ 800	[redacted]															
≥ 700	[redacted]															
≥ 600	[redacted]															
≥ 500	[redacted]															
≥ 400	[redacted]															
≥ 300	[redacted]															
≥ 200	[redacted]															
≥ 100	[redacted]															
0	[redacted]															

TOTAL NUMBER OF OBSERVATIONS [redacted] 93C

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~24162~~ STATION ~~FORT SMITH [illegible] APT~~ STATION NAME ~~57-66~~ YEARS ~~APR~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0000-0700~~ LOCAL (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.9	66.9	66.9	66.9	66.9	67.0	67.0
≥ 20000	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.5	67.5
≥ 18000	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.5	67.5
≥ 16000	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.6	67.6
≥ 14000	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.3	68.3
≥ 12000	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.1	70.1
≥ 10000	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.5	73.5	73.5	73.5	73.5	73.7	73.7
≥ 9000	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.6	75.6
≥ 8000	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.9	79.9	79.9	79.9	79.9	80.0	80.0
≥ 7000	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.4	83.4	83.4	83.4	83.4	83.5	83.5
≥ 6000	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.9	84.9	84.9	84.9	84.9	85.1	85.1
≥ 5000	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.4	87.4	87.4	87.4	87.4	87.5	87.5
≥ 4500	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	88.1	88.1	88.1	88.1	88.1	88.2	88.2
≥ 4000	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.6	89.6	89.6	89.6	89.6	89.7	89.7
≥ 3500	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.3	90.3
≥ 3000	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.3	92.3	92.3	92.3	92.3	92.4	92.4
≥ 2500	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.8	93.8	93.8	93.8	93.8	93.9	93.9
≥ 2000	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.4	95.4	95.4	95.4	95.4	95.5	95.5
≥ 1800	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.6	95.6
≥ 1500	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.9	95.9	95.9	95.9	95.9	96.0	96.0
≥ 1200	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.1	96.1
≥ 1000	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.5	96.5	96.5	96.5	96.5	96.6	96.6
≥ 900	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.9	96.9	96.9	96.9	96.9	97.0	97.0
≥ 800	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.2	97.2
≥ 700	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 600	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 500	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 400	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 300	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 200	98.3	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 100	98.3	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 0	98.3	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.6	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~01602~~ STATION | FORT SMITH MUNI APT STATION NAME | 57-66 YEARS | ~~ALL~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~0300-0500~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.8	57.8	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.6	58.6	58.9	58.9	59.3	59.7
≥ 20000	58.5	59.6	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.3	60.3	60.6	60.8	61.1	61.5
≥ 18000	58.7	59.8	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.5	60.5	60.9	61.0	61.3	61.7
≥ 16000	59.0	60.1	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.8	60.9	60.7	61.2	61.3	61.8	62.0
≥ 14000	60.1	61.2	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.9	61.9	62.3	62.4	62.9	63.1
≥ 12000	60.5	61.6	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.5	62.6	62.6	62.9	63.0	63.5	63.8
≥ 10000	66.8	67.8	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.9	68.9	69.2	69.4	69.9	70.1
≥ 9000	69.5	70.5	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.5	71.6	71.6	71.9	72.0	72.6	72.9
≥ 8000	74.6	75.9	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.9	77.0	77.0	77.3	77.4	78.0	78.2
≥ 7000	78.3	79.4	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.3	80.4	80.4	80.8	80.9	81.4	81.6
≥ 6000	80.1	81.2	81.6	81.9	81.9	81.9	81.9	81.9	81.9	82.2	82.3	82.3	82.6	82.7	83.2	83.4
≥ 5000	81.9	83.0	83.4	83.8	83.8	83.8	83.8	83.8	83.8	84.0	84.2	84.2	84.5	84.6	85.2	85.4
≥ 4500	82.7	83.8	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.7	84.9	84.7	85.3	85.4	85.9	86.1
≥ 4000	84.1	85.2	85.6	85.9	85.9	85.9	85.9	85.9	85.9	86.1	86.3	86.3	86.7	86.8	87.3	87.5
≥ 3500	84.5	85.6	86.0	86.3	86.5	86.5	86.5	86.5	86.5	86.7	86.9	86.9	87.2	87.3	87.8	88.1
≥ 3000	86.3	87.5	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.6	88.8	88.8	89.1	89.2	89.8	90.0
≥ 2500	88.5	89.8	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.9	91.1	91.1	91.4	91.5	92.0	92.3
≥ 2000	89.9	91.3	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.4	92.6	92.6	92.9	93.0	93.5	93.8
≥ 1800	89.9	91.3	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.4	92.6	92.6	92.9	93.0	93.5	93.8
≥ 1500	90.6	92.0	92.5	92.8	92.9	92.9	92.9	92.9	92.9	93.1	93.3	93.3	93.7	93.8	94.3	94.5
≥ 1200	91.1	92.6	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.7	93.9	93.9	94.2	94.3	94.8	95.1
≥ 1000	91.9	93.4	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.5	94.7	94.7	95.1	95.2	95.7	95.9
≥ 900	92.4	94.0	94.4	94.7	94.8	94.8	94.8	94.8	94.8	95.1	95.3	95.3	95.6	95.7	96.2	96.4
≥ 800	92.5	94.1	94.5	94.8	94.9	94.9	94.9	94.9	94.9	95.2	95.4	95.4	95.7	95.8	96.3	96.6
≥ 700	92.9	94.6	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.7	95.9	95.9	96.2	96.3	96.9	97.1
≥ 600	93.1	94.9	95.4	95.7	95.8	95.8	95.8	95.8	95.8	96.0	96.2	96.2	96.6	96.7	97.4	97.6
≥ 500	94.0	95.8	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.9	97.1	97.1	97.4	97.5	98.1	98.3
≥ 400	94.2	96.0	96.5	96.9	97.0	97.0	97.0	97.0	97.0	97.2	97.4	97.4	97.7	97.8	98.5	98.7
≥ 300	94.2	96.0	96.5	96.9	97.2	97.2	97.4	97.2	97.2	97.4	97.6	97.7	98.1	98.2	98.8	99.0
≥ 200	94.2	96.0	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.5	97.7	97.6	98.2	98.3	98.9	99.1
≥ 100	94.2	96.0	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.5	97.7	97.8	98.3	98.4	99.1	99.6
0	94.2	96.0	96.6	97.0	97.3	97.3	97.3	97.3	97.3	97.5	97.7	97.8	98.5	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 940

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[redacted] STATION NAME [redacted] 57-66 YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] 0600-0900

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.6	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.3	48.4	48.5	48.8
≥ 20000	50.5	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.7	51.8	52.4	52.4
≥ 18000	50.6	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6	51.8	51.9	52.2	52.5
≥ 16000	51.4	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.6	52.7	53.2	53.2
≥ 14000	52.9	53.5	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	54.1	54.2	54.4	54.7
≥ 12000	54.2	54.8	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.5	55.6	55.8	56.1
≥ 10000	60.1	60.9	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.5	61.6	61.9	62.2
≥ 9000	63.5	64.3	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.9	65.1	65.3	65.6
≥ 8000	69.2	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.6	70.8	71.0	71.3
≥ 7000	71.5	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.9	73.0	73.2	73.5
≥ 6000	73.0	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.4	74.5	74.7	75.1
≥ 5000	75.8	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.2	77.3	77.5	77.8
≥ 4500	76.6	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	78.0	78.1	78.3	78.6
≥ 4000	78.2	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.6	79.7	79.9	80.2
≥ 3500	78.8	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.2	80.3	80.5	80.9
≥ 3000	81.0	81.7	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.5	82.6	82.9	83.2
≥ 2500	82.8	83.5	83.8	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.4	84.5	84.8	85.2
≥ 2000	84.6	85.4	85.6	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.2	86.3	86.7	87.0
≥ 1800	85.1	85.8	86.0	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.5	86.7	86.8	87.1	87.4
≥ 1500	86.5	87.2	87.4	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.8	88.1	88.2	88.5	88.8
≥ 1200	87.4	88.2	88.4	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.8	89.0	89.1	89.5	89.8
≥ 1000	88.7	89.6	89.8	90.0	90.0	90.0	90.0	90.2	90.4	90.4	90.4	90.4	90.5	90.8	90.9	91.2
≥ 900	89.4	90.4	90.6	90.9	90.9	90.9	91.1	91.4	91.4	91.4	91.5	91.6	91.8	91.9	92.3	92.6
≥ 800	90.3	91.5	91.7	91.9	91.9	91.9	92.2	92.5	92.5	92.5	92.6	92.7	92.9	93.0	93.3	93.7
≥ 700	91.4	92.6	92.8	93.0	93.0	93.0	93.2	93.5	93.5	93.5	93.7	93.8	94.0	94.1	94.4	94.7
≥ 600	91.6	92.8	93.0	93.2	93.2	93.2	93.4	93.8	93.8	93.8	93.9	94.1	94.2	94.3	94.6	94.9
≥ 500	92.9	94.2	94.4	94.7	94.7	94.7	94.9	95.3	95.3	95.3	95.4	95.5	95.7	95.8	96.1	96.5
≥ 400	93.4	94.7	94.9	95.3	95.3	95.3	95.5	95.8	95.8	95.9	96.0	96.1	96.3	96.5	96.8	97.1
≥ 300	93.4	94.7	94.9	95.3	95.3	95.3	95.5	95.8	95.8	96.1	96.2	96.3	96.6	96.7	97.0	97.4
≥ 200	93.9	95.4	95.6	95.9	95.9	95.9	96.1	96.5	96.5	96.8	96.9	97.0	97.3	97.4	98.1	98.6
≥ 100	93.9	95.4	95.6	95.9	95.9	95.9	96.1	96.5	96.5	96.8	96.9	97.0	97.4	97.6	98.8	99.5
0	93.9	95.4	95.6	95.9	95.9	95.9	96.1	96.5	96.5	96.8	96.9	97.0	97.5	97.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~26102~~ STATION ~~FIRST SUITM NOT~~ STATION NAME ~~UNIT APT~~ ~~57-66~~ YEARS ~~AUG~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0900-1100~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.9	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	51.6	51.9	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 18000	51.8	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 16000	52.5	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 14000	53.4	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 12000	55.5	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 10000	60.4	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 9000	62.7	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 8000	66.9	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 7000	68.0	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 6000	69.0	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 5000	70.8	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4500	71.2	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4000	72.5	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3500	73.9	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000	76.2	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3
≥ 2500	78.5	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6
≥ 2000	82.7	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9
≥ 1800	83.4	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6
≥ 1500	85.7	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9
≥ 1200	87.3	88.0	88.4	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7
≥ 1000	89.7	90.3	90.8	90.9	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3
≥ 900	90.8	91.4	91.8	91.9	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4
≥ 800	92.0	92.7	93.1	93.2	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7
≥ 700	93.2	94.0	94.4	94.5	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9
≥ 600	94.6	95.4	95.8	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3
≥ 500	96.1	97.4	97.8	98.0	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5
≥ 400	96.3	97.8	98.3	98.4	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 300	96.5	98.1	98.5	98.6	98.8	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.5
≥ 200	96.7	98.3	98.7	98.8	99.0	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.8
≥ 100	96.7	98.3	98.7	98.8	99.0	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.8	99.9
0	96.7	98.3	98.7	98.8	99.0	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[redacted] FORT SMITH [redacted] 57-66 YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] 1800-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.2	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 20000	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 18000	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 16000	47.6	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 14000	48.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 12000	50.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 10000	55.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 9000	57.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 8000	60.2	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 7000	61.2	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 6000	62.4	62.9	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 5000	64.8	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 4500	66.0	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 4000	72.7	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3500	73.8	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3000	78.7	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 2500	83.7	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2000	89.1	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1800	89.7	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1500	92.5	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1200	93.7	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	95.6	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	96.0	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	96.9	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	97.1	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	98.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	98.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.5	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.5	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.5	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~20142~~ STATION — ~~EAST SALTS ALT AUT APT~~ STATION NAME — ~~57-66~~ YEARS — ~~AUG~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1400-1700~~ (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 20000	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 18000	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 16000	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 14000	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 12000	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 10000	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 8000	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 7000	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 6000	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 5000	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 4500	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500	80.9	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6
≥ 2000	91.6	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6
≥ 1800	92.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 1500	93.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
≥ 1200	94.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 1000	96.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 900	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 800	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 700	96.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
≥ 600	97.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
≥ 500	98.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	98.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	98.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	98.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	98.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	98.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS ~~9 AD~~

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~2A1W2~~ STATION ~~FT SMITH MAP OUT APT~~ STATION NAME ~~57-66~~ YEARS ~~AUG~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1 0000-2000~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 20000	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 18000	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 16000	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 14000	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 12000	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 10000	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 9000	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 8000	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 7000	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 6000	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 5000	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4500	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3000	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	98.0	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	98.7	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	99.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	99.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	99.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	99.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	99.0	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~23102~~ STATION ~~FLEET SATTER WHF, UNT APT~~ STATION NAME ~~57-66~~ YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~2100-2300~~ HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 20000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 18000	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 16000	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 14000	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 12000	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 10000	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 9000	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 5000	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4500	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4000	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	98.7	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	98.8	99.4	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.8	99.4	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	98.8	99.4	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	98.8	99.4	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
0	98.8	99.4	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME [redacted] YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] GMT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	52.2	52.2	52.2	52.2	52.6	52.6	52.6	52.8	52.8	52.8	52.8	52.8	53.1	53.1	53.2	53.6
	53.2	53.2	53.2	53.2	53.6	53.6	53.6	53.8	53.8	53.8	53.8	53.8	54.1	54.1	54.2	54.6
≥ 18000 ≥ 16000	53.6	53.6	53.6	53.6	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.4	54.4	54.6	54.9
	53.6	53.6	53.6	53.6	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.4	54.4	54.6	54.9
≥ 14000 ≥ 12000	54.2	54.2	54.2	54.2	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	55.1	55.1	55.2	55.6
	55.1	55.1	55.1	55.1	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.7	56.0	56.0	56.1	56.4
≥ 10000 ≥ 9000	58.6	58.6	58.6	58.6	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.4	59.4	59.6	59.9
	60.3	60.3	60.3	60.3	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	61.2	61.2	61.3	61.7
≥ 8000 ≥ 7000	64.0	64.0	64.0	64.0	64.3	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.9	64.9	65.0	65.3
	68.1	68.2	68.2	68.2	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	69.1	69.1	69.2	69.6
≥ 6000 ≥ 5000	69.7	69.8	69.8	69.8	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.7	70.7	70.8	71.1
	74.0	74.1	74.1	74.1	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	75.0	75.0	75.1	75.4
≥ 4500 ≥ 4000	75.1	75.2	75.2	75.2	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	76.1	76.1	76.2	76.6
	78.7	78.8	78.8	78.8	79.1	79.1	79.4	79.3	79.3	79.3	79.3	79.3	79.7	79.7	79.8	80.1
≥ 3500 ≥ 3000	80.4	80.6	80.6	80.6	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.4	81.4	81.5	81.9
	83.3	83.4	83.4	83.4	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.3	84.3	84.4	84.8
≥ 2500 ≥ 2000	85.3	85.6	85.6	85.6	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.7	86.7	86.8	87.1
	86.2	86.4	86.4	86.4	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.6	87.6	87.7	88.0
≥ 1800 ≥ 1500	86.6	86.8	86.8	86.8	87.2	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.9	87.9	88.0	88.3
	87.9	88.2	88.2	88.2	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.3	89.3	89.4	89.8
≥ 1200 ≥ 1000	90.3	90.8	90.8	90.8	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.9	91.9	92.0	92.3
	92.0	92.8	92.8	92.8	93.3	93.3	93.7	93.7	93.7	93.8	93.8	93.8	94.1	94.1	94.2	94.6
≥ 900 ≥ 800	92.2	93.1	93.1	93.1	93.7	93.7	94.0	94.0	94.0	94.1	94.1	94.1	94.4	94.4	94.6	94.9
	92.8	93.7	93.7	93.7	94.2	94.2	94.6	94.6	94.6	94.7	94.7	94.7	95.0	95.0	95.1	95.4
≥ 700 ≥ 600	93.3	94.2	94.2	94.2	94.6	94.8	95.1	95.1	95.1	95.2	95.2	95.2	95.7	95.7	95.8	96.1
	93.3	94.2	94.2	94.2	94.8	94.8	95.1	95.1	95.1	95.2	95.2	95.2	95.7	95.7	95.8	96.1
≥ 500 ≥ 400	94.8	95.7	95.7	95.7	96.2	96.2	96.6	96.6	96.6	96.7	96.7	95.7	97.1	97.1	97.2	97.6
	95.2	96.1	96.1	96.1	97.0	97.0	97.3	97.3	97.3	97.6	97.6	97.6	98.0	98.0	98.1	98.4
≥ 300 ≥ 200	95.3	96.3	96.4	96.4	97.3	97.3	97.7	97.7	97.7	97.9	97.9	97.9	98.3	98.3	98.4	98.8
	95.7	96.8	96.9	96.9	97.8	97.8	98.3	98.3	98.3	98.7	98.7	98.7	99.2	99.2	99.3	99.7
≥ 100 ≥ 0	95.7	96.9	97.0	97.0	97.9	97.9	98.4	98.4	98.4	98.8	98.8	98.8	99.3	99.3	99.5	99.9
	95.7	96.9	97.0	97.0	97.9	97.9	98.4	98.4	98.4	98.8	98.8	98.8	99.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~PGL 12~~ STATION ~~UNIT SMITH AFB~~ ~~STATE/NAME~~ ~~57-66~~ YEARS ~~ANY~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0300 TO 0500~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.9	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.9	47.9	48.0	48.4
≥ 20000	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.7	48.7	48.8	49.2
≥ 18000	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.7	48.7	48.8	49.2
≥ 16000	47.8	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.8	48.8	48.9	49.3
≥ 14000	48.6	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9	49.6	49.6	49.7	50.1
≥ 12000	49.7	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.7	50.7	50.8	51.2
≥ 10000	53.4	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	54.4	54.4	54.5	55.0
≥ 9000	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.9	56.9	57.0	57.4
≥ 8000	58.8	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.8	59.8	60.0	60.4
≥ 7000	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	64.6	64.6	64.8	65.2
≥ 6000	65.3	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	66.3	66.3	66.6	67.0
≥ 5000	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.2	70.2	70.2	70.9	70.9	71.1	71.6
≥ 4500	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9	72.6	72.6	72.8	73.2
≥ 4000	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.4	76.1	76.1	76.3	76.7
≥ 3500	77.3	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.9	77.9	77.9	78.6	78.6	78.8	79.2
≥ 3000	79.4	79.8	79.8	79.8	79.9	79.9	80.0	80.0	80.0	80.2	80.2	80.2	80.9	80.9	81.1	81.6
≥ 2500	80.4	80.9	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.3	81.3	81.3	82.0	82.0	82.3	82.8
≥ 2000	81.8	82.2	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.7	82.7	82.7	83.4	83.4	83.7	84.3
≥ 1800	82.1	82.6	82.6	82.7	82.8	82.8	82.9	82.9	82.9	83.1	83.1	83.1	83.9	83.9	84.3	84.8
≥ 1500	83.4	83.9	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.4	84.4	84.4	85.2	85.2	85.7	86.1
≥ 1200	85.6	86.1	86.1	86.6	86.7	86.7	86.8	86.8	86.8	87.0	87.0	87.0	87.8	87.8	88.2	88.7
≥ 1000	87.2	88.0	88.1	88.7	88.9	88.9	89.2	89.2	89.2	89.6	89.6	89.6	90.3	90.3	90.8	91.2
≥ 900	88.1	89.0	89.1	89.7	89.9	89.9	90.2	90.2	90.2	90.6	90.6	90.6	91.3	91.3	91.6	92.2
≥ 800	88.3	89.6	89.7	90.2	90.4	90.4	90.8	90.8	90.8	91.1	91.1	91.1	91.8	91.8	92.3	92.8
≥ 700	89.7	91.0	91.1	91.7	91.9	91.9	92.2	92.2	92.2	92.6	92.6	92.6	93.7	93.7	94.1	94.6
≥ 600	90.0	91.3	91.4	92.1	92.3	92.3	92.7	92.7	92.7	93.0	93.0	93.0	94.1	94.1	94.6	95.0
≥ 500	90.4	91.8	92.1	92.8	93.0	93.0	93.3	93.3	93.3	93.7	93.7	93.7	94.8	94.8	95.2	95.7
≥ 400	91.0	92.8	93.2	93.9	94.2	94.2	94.6	94.6	94.6	94.9	94.9	94.9	96.0	96.0	96.4	96.9
≥ 300	91.1	92.9	93.3	94.0	94.4	94.4	95.0	95.0	95.0	95.4	95.4	95.4	96.6	96.6	97.0	97.4
≥ 200	91.1	92.9	93.3	94.0	94.4	94.4	95.1	95.1	95.1	95.6	95.7	95.7	97.1	97.1	97.6	98.0
≥ 100	91.3	93.1	93.7	94.3	94.9	94.9	95.6	95.6	95.6	96.1	96.3	96.3	97.8	97.8	98.7	99.1
≥ 0	91.3	93.1	93.7	94.3	94.9	94.9	95.6	95.6	95.6	96.1	96.3	96.3	98.0	98.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME 57-66 YEARS SEP MONTH

[redacted] HOUR (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.6	36.8	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.2	37.4	37.4	37.7	38.3
≥ 25000	36.7	38.9	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.2	39.2	39.3	39.6	39.6	39.8	40.9
≥ 18000	38.9	39.1	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.4	39.4	39.6	39.8	39.8	40.0	41.1
≥ 16000	39.0	39.2	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.6	39.6	39.7	39.9	39.9	40.1	41.2
≥ 14000	39.9	40.1	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.4	40.4	40.6	40.8	40.8	41.0	42.1
≥ 12000	42.7	42.9	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.2	43.2	43.3	43.6	43.6	43.8	44.9
≥ 10000	47.2	47.4	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.8	47.8	47.9	48.1	48.1	48.3	49.4
≥ 9000	49.2	49.4	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.9	50.1	50.1	50.3	51.4
≥ 8000	53.4	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.1	54.3	54.3	54.6	55.7
≥ 7000	57.2	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.9	57.9	58.0	58.2	58.2	58.4	59.6
≥ 6000	58.3	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.1	59.3	59.3	59.6	60.7
≥ 5000	61.6	61.9	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.2	62.3	62.4	62.7	62.8	63.0	64.1
≥ 4500	62.1	62.4	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.8	62.9	63.0	63.2	63.3	63.6	64.7
≥ 4000	65.8	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.4	66.6	66.7	66.9	67.0	67.2	68.4
≥ 3500	68.0	68.3	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.7	68.8	68.9	69.1	69.2	69.4	70.7
≥ 3000	73.1	73.4	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.8	73.9	74.0	74.2	74.3	74.6	75.8
≥ 2500	75.0	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.9	76.0	76.1	76.3	76.4	76.8	78.0
≥ 2000	76.9	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.9	78.0	78.1	78.3	78.4	78.8	80.0
≥ 1800	77.4	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.6	78.7	78.9	79.0	79.3	80.6
≥ 1500	79.1	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.4	80.6	80.8	80.9	81.2	82.4
≥ 1200	82.4	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.8	83.9	84.0	84.2	84.3	84.7	85.9
≥ 1000	84.9	86.4	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.1	87.2	87.3	87.6	87.7	88.0	89.2
≥ 900	85.4	87.0	87.2	87.3	87.6	87.6	87.6	87.6	87.6	87.8	87.9	88.0	88.2	88.3	88.7	89.9
≥ 800	86.1	87.9	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.7	88.8	88.9	89.1	89.2	89.6	90.8
≥ 700	87.2	89.1	89.4	89.6	89.9	89.9	89.9	89.9	89.9	90.1	90.2	90.3	90.8	90.9	91.2	92.4
≥ 600	87.8	89.9	90.2	90.4	90.9	90.9	90.9	90.9	90.9	91.1	91.2	91.3	91.8	91.9	92.2	93.4
≥ 500	89.7	92.0	92.3	92.6	93.0	93.0	93.1	93.1	93.1	93.3	93.4	93.6	94.1	94.2	94.6	95.8
≥ 400	89.9	92.3	92.7	92.9	93.3	93.3	93.4	93.4	93.4	93.7	93.8	93.9	94.4	94.6	94.9	96.1
≥ 300	90.3	92.9	93.2	93.4	94.0	94.0	94.1	94.1	94.1	94.4	94.6	94.9	95.4	95.5	96.1	97.3
≥ 200	90.4	93.0	93.9	94.1	94.7	94.7	94.8	94.8	94.8	95.2	95.3	95.7	96.4	96.8	97.4	98.6
≥ 100	90.4	93.0	93.9	94.1	94.7	94.7	94.8	94.8	94.8	95.2	95.3	95.7	96.4	96.8	97.6	98.9
≥ 0	90.4	93.0	93.9	94.1	94.7	94.7	94.8	94.8	94.8	95.2	95.3	95.7	96.4	96.8	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 700

2

ATA PROCESSING DIVISION
USAF ETAC
[illegible] WEATHER [illegible]/AC

CEILING VERSUS VISIBILITY

[illegible] STATION NAME [illegible] 57-66 YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.6	33.7	33.8
	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.9	39.0	39.1
≥ 18000 ≥ 16000	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.9	39.0	39.1
	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.8	39.9	40.0
≥ 14000 ≥ 12000	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.8	40.9	41.0
	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	43.1	43.2	43.3
≥ 10000 ≥ 9000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.4	46.6	46.7
	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	49.0	49.1	49.2	
≥ 8000 ≥ 7000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.9	55.0	55.1
	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.2	58.3	58.4
≥ 6000 ≥ 5000	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.3	59.4	59.5
	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.2	61.3	61.4
≥ 4500 ≥ 4000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.8	61.9	62.0
	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.9	64.0	64.1	
≥ 3500 ≥ 3000	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.3	65.4	65.5
	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.1	69.2
≥ 2500 ≥ 2000	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.2	71.4	71.5
	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.9	74.1	74.2
≥ 1800 ≥ 1500	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.9	75.1	75.2
	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.1	78.3	78.4
≥ 1200 ≥ 1000	82.1	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.7	82.9	83.0
	86.4	86.4	86.4	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.9	86.9	86.9	87.1	87.3	87.4
≥ 900 ≥ 800	88.5	88.6	88.6	88.8	88.8	88.8	88.9	88.9	88.9	89.0	89.1	89.1	89.1	89.3	89.5	89.7
	89.2	89.7	89.8	90.1	90.1	90.1	90.2	90.2	90.2	90.3	90.4	90.4	90.4	90.8	91.0	91.1
≥ 700 ≥ 600	91.8	91.3	91.6	91.9	91.9	91.9	92.1	92.1	92.1	92.3	92.6	92.6	92.6	92.8	93.0	93.1
	92.1	92.1	92.3	92.7	92.8	92.8	93.0	93.0	93.0	93.2	93.4	93.4	93.4	93.7	93.9	94.0
≥ 500 ≥ 400	94.3	94.8	95.4	95.8	96.3	96.3	96.6	96.8	96.8	97.0	97.2	97.2	97.4	97.7	97.9	98.0
	94.7	95.1	95.8	96.2	96.8	96.8	97.0	97.2	97.2	97.4	97.7	97.7	97.9	98.1	98.3	98.4
≥ 300 ≥ 200	95.0	95.4	96.1	96.7	97.2	97.2	97.4	97.8	97.8	98.0	98.3	98.3	98.7	98.9	99.1	99.2
	95.0	95.4	96.2	96.8	97.3	97.3	97.6	98.0	98.0	98.2	98.7	98.7	99.0	99.2	99.4	99.6
≥ 100 ≥ 0	95.0	95.4	96.2	96.8	97.3	97.3	97.6	98.0	98.0	98.2	98.7	98.7	99.0	99.2	99.7	99.8
	95.0	95.4	96.2	96.8	97.3	97.3	97.6	98.0	98.0	98.2	98.7	98.7	99.0	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~26102~~ STATION — ~~FORT SMITH MUNI AIRPORT~~ STATION NAME — ~~57-66~~ YEARS — ~~SEP~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~1200-1400~~ HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
≥ 20000	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 18000	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 16000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 14000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 12000	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 10000	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 9000	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 8000	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 7000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 6000	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 5000	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 4500	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 4000	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 3500	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 3000	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 2500	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2000	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 1800	78.0	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1500	83.0	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1200	90.8	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1000	92.9	93.7	93.7	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 900	93.8	95.0	95.0	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 800	95.0	96.3	96.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	97.0	97.0	97.0	97.0
≥ 700	95.7	97.0	97.0	97.0	97.0	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.9	97.9	97.9	97.9
≥ 600	96.0	97.3	97.3	97.3	97.3	97.6	97.9	97.9	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.2
≥ 500	97.0	98.3	98.3	98.3	98.3	98.3	99.1	99.1	99.1	99.1	99.2	99.2	99.6	99.6	99.6	99.6
≥ 400	97.4	98.8	98.8	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 300	97.3	98.8	98.8	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 200	97.3	98.8	98.8	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	97.3	98.8	98.8	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0
0	97.3	98.8	98.8	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
SAF ETAC
STA WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME [redacted] YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted]

CEILING FEET	VISIBILITY STATUTE MILES: ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 20000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 18000	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 16000	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 14000	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 12000	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 10000	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 9000	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 8000	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 7000	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 6000	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 5000	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 4500	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 4000	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 3500	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 3000	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 2500	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2000	83.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1800	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1500	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1200	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	95.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	96.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	97.7	99.0	99.0	99.0	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	97.8	99.1	99.1	99.1	99.1	99.1	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 500	97.9	99.2	99.2	99.2	99.2	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	97.9	99.2	99.2	99.2	99.2	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 300	97.9	99.2	99.2	99.2	99.2	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 200	98.0	99.3	99.3	99.3	99.3	99.3	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	98.0	99.3	99.3	99.3	99.3	99.3	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0	98.0	99.3	99.3	99.3	99.3	99.3	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~74102~~ STATION ~~EIGHT MILE ISLAND APT~~ STATION NAME ~~57-66~~ YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1 JAN 63 (LST)~~

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 20000	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 18000	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 16000	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 14000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 12000	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 10000	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 9000	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 8000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 7000	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 6000	68.8	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 5000	70.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 4500	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4000	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 3500	78.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 3000	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2500	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	95.8	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	96.3	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	97.0	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	97.2	98.0	98.0	98.0	98.1	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	97.8	98.6	98.6	98.6	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	98.0	98.8	98.8	98.8	98.9	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	98.3	99.1	99.1	99.1	99.2	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.4	99.2	99.2	99.2	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	98.4	99.2	99.2	99.2	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	98.4	99.2	99.2	99.2	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0	98.4	99.2	99.2	99.2	99.3	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~24 1 2~~ STATION ~~FORT SMITH NAT AIRPORT~~ STATION NAME ~~57-66~~ YEARS ~~SEP~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~2100 TO 2300~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.4
≥ 20000	~~51.6~~	~~51.6~~	~~51.6~~	~~51.6~~	~~51.6~~	~~51.6~~	~~51.7~~	~~51.7~~	~~51.7~~	~~51.7~~	~~51.7~~	~~51.7~~	~~51.8~~	~~51.8~~	~~51.8~~	~~51.9~~
≥ 18000	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	52.0
≥ 16000	~~51.7~~	~~51.7~~	~~51.7~~	~~51.7~~	~~51.7~~	~~51.7~~	~~51.8~~	~~51.8~~	~~51.8~~	~~51.8~~	~~51.8~~	~~51.8~~	~~51.9~~	~~51.9~~	~~51.9~~	~~52.0~~
≥ 14000	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9	52.9	53.0
≥ 12000	~~54.8~~	~~54.8~~	~~54.8~~	~~54.8~~	~~54.8~~	~~54.8~~	~~54.9~~	~~54.9~~	~~54.9~~	~~54.9~~	~~54.9~~	~~54.9~~	~~55.0~~	~~55.0~~	~~55.0~~	~~55.1~~
≥ 10000	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	58.0
≥ 9000	~~58.4~~	~~58.4~~	~~58.4~~	~~58.4~~	~~58.4~~	~~58.4~~	~~58.6~~	~~58.6~~	~~58.6~~	~~58.6~~	~~58.6~~	~~58.6~~	~~58.7~~	~~58.7~~	~~58.7~~	~~58.8~~
≥ 8000	62.6	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	63.0
≥ 7000	~~68.0~~	~~68.3~~	~~68.3~~	~~68.3~~	~~68.3~~	~~68.3~~	~~68.4~~	~~68.4~~	~~68.4~~	~~68.4~~	~~68.4~~	~~68.4~~	~~68.6~~	~~68.6~~	~~68.6~~	~~68.7~~
≥ 6000	68.7	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.6
≥ 5000	~~73.2~~	~~73.8~~	~~73.8~~	~~73.8~~	~~73.8~~	~~73.8~~	~~73.9~~	~~73.9~~	~~73.9~~	~~73.9~~	~~73.9~~	~~73.9~~	~~74.0~~	~~74.0~~	~~74.0~~	~~74.1~~
≥ 4500	74.7	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.6
≥ 4000	~~79.4~~	~~80.0~~	~~80.0~~	~~80.0~~	~~80.0~~	~~80.0~~	~~80.1~~	~~80.1~~	~~80.1~~	~~80.1~~	~~80.1~~	~~80.1~~	~~80.2~~	~~80.2~~	~~80.2~~	~~80.3~~
≥ 3500	81.7	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.6
≥ 3000	~~85.1~~	~~85.8~~	~~85.8~~	~~85.8~~	~~85.8~~	~~85.8~~	~~85.9~~	~~85.9~~	~~85.9~~	~~85.9~~	~~85.9~~	~~85.9~~	~~86.0~~	~~86.0~~	~~86.0~~	~~86.2~~
≥ 2500	87.9	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	89.0
≥ 2000	~~89.6~~	~~90.6~~	~~90.6~~	~~90.6~~	~~90.6~~	~~90.6~~	~~90.7~~	~~90.7~~	~~90.7~~	~~90.7~~	~~90.7~~	~~90.7~~	~~90.8~~	~~90.8~~	~~90.8~~	~~91.0~~
≥ 1800	90.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.8
≥ 1500	~~91.4~~	~~92.4~~	~~92.4~~	~~92.4~~	~~92.4~~	~~92.4~~	~~92.6~~	~~92.6~~	~~92.6~~	~~92.6~~	~~92.6~~	~~92.6~~	~~92.7~~	~~92.7~~	~~92.7~~	~~92.9~~
≥ 1200	93.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.9
≥ 1000	~~95.2~~	~~96.2~~	~~96.2~~	~~96.2~~	~~96.2~~	~~96.2~~	~~96.3~~	~~96.3~~	~~96.3~~	~~96.3~~	~~96.3~~	~~96.3~~	~~96.4~~	~~96.4~~	~~96.4~~	~~96.7~~
≥ 900	95.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	97.1
≥ 800	~~95.9~~	~~97.2~~	~~97.3~~	~~97.3~~	~~97.3~~	~~97.3~~	~~97.4~~	~~97.4~~	~~97.4~~	~~97.4~~	~~97.4~~	~~97.4~~	~~97.6~~	~~97.6~~	~~97.6~~	~~97.8~~
≥ 700	96.0	97.3	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	98.0
≥ 600	~~96.1~~	~~97.4~~	~~97.7~~	~~97.7~~	~~97.7~~	~~97.7~~	~~97.8~~	~~97.8~~	~~97.8~~	~~97.8~~	~~97.8~~	~~97.8~~	~~97.9~~	~~97.9~~	~~97.9~~	~~98.1~~
≥ 500	96.7	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.7
≥ 400	~~97.2~~	~~98.6~~	~~98.8~~	~~98.8~~	~~98.9~~	~~98.9~~	~~99.0~~	~~99.0~~	~~99.0~~	~~99.0~~	~~99.0~~	~~99.0~~	~~99.1~~	~~99.1~~	~~99.1~~	~~99.3~~
≥ 300	97.6	98.9	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.8
≥ 200	~~97.8~~	~~99.1~~	~~99.4~~	~~99.4~~	~~99.6~~	~~99.6~~	~~99.7~~	~~99.7~~	~~99.7~~	~~99.7~~	~~99.7~~	~~99.7~~	~~99.8~~	~~99.8~~	~~99.8~~	100.0
≥ 100	97.8	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	100.0
≥ 0	~~97.8~~	~~99.1~~	~~99.4~~	~~99.4~~	~~99.6~~	~~99.6~~	~~99.7~~	~~99.7~~	~~99.7~~	~~99.7~~	~~99.7~~	~~99.7~~	~~99.8~~	~~99.8~~	~~99.8~~	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME [redacted] 57-66 YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] 0000-0700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.1	44.2	44.3	44.3	44.4	44.4	44.5	44.5	44.5	44.7	45.1	45.1	45.1	45.1	45.2	45.3
≥ 20000	45.4	45.5	45.6	45.6	45.7	45.7	45.8	45.8	45.8	46.0	46.3	46.3	46.3	46.3	46.5	46.6
≥ 18000	45.4	45.5	45.6	45.6	45.7	45.7	45.8	45.8	45.8	46.0	46.3	46.3	46.3	46.3	46.5	46.6
≥ 16000	45.4	45.5	45.6	45.6	45.7	45.7	45.8	45.8	45.8	46.0	46.3	46.3	46.3	46.3	46.5	46.6
≥ 14000	45.8	45.9	46.0	46.0	46.1	46.1	46.2	46.2	46.2	46.5	46.8	46.8	46.8	46.8	46.9	47.0
≥ 12000	47.3	47.4	47.5	47.5	47.6	47.6	47.7	47.7	47.7	48.0	48.3	48.3	48.3	48.3	48.4	48.5
≥ 10000	50.9	51.1	51.2	51.2	51.3	51.3	51.4	51.4	51.4	51.6	51.9	51.9	51.9	51.9	52.0	52.2
≥ 9000	52.6	52.9	53.0	53.0	53.1	53.1	53.2	53.2	53.2	53.4	53.8	53.8	53.8	53.8	54.0	54.1
≥ 8000	54.7	55.2	55.4	55.4	55.5	55.5	55.6	55.6	55.6	55.8	56.1	56.1	56.1	56.1	56.3	56.5
≥ 7000	57.8	58.3	58.6	58.7	58.8	58.8	58.9	58.9	58.9	59.1	59.5	59.5	59.5	59.5	59.7	59.8
≥ 6000	58.7	59.1	59.5	59.6	59.7	59.7	59.8	59.8	59.8	60.0	60.3	60.3	60.3	60.3	60.5	60.6
≥ 5000	61.8	62.3	62.6	62.7	62.8	62.8	62.9	62.9	62.9	63.1	63.4	63.4	63.4	63.4	63.7	63.8
≥ 4500	62.6	63.0	63.3	63.4	63.5	63.5	63.7	63.7	63.7	63.9	64.2	64.2	64.2	64.2	64.4	64.5
≥ 4000	64.8	65.4	65.7	65.8	65.9	65.9	66.0	66.0	66.0	66.2	66.6	66.6	66.6	66.6	66.8	66.9
≥ 3500	65.8	66.3	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.2	67.5	67.5	67.5	67.5	67.7	67.8
≥ 3000	69.2	70.0	70.3	70.5	70.6	70.6	70.8	70.8	70.8	71.0	71.3	71.3	71.3	71.3	71.5	71.6
≥ 2500	72.3	73.3	73.7	73.9	74.0	74.0	74.1	74.1	74.1	74.3	74.8	74.8	74.8	74.8	75.1	75.2
≥ 2000	75.9	77.2	77.6	77.8	78.0	78.0	78.1	78.3	78.3	78.5	79.0	79.0	79.0	79.0	79.2	79.4
≥ 1800	77.2	78.5	78.9	79.1	79.2	79.2	79.4	79.6	79.6	79.8	80.3	80.3	80.3	80.3	80.5	80.6
≥ 1500	79.9	81.2	81.8	82.0	82.4	82.4	82.5	82.7	82.7	82.9	83.4	83.4	83.4	83.4	83.7	83.8
≥ 1200	84.1	85.8	86.5	86.7	87.2	87.2	87.6	87.8	87.8	88.2	88.7	88.7	88.7	88.7	88.9	89.0
≥ 1000	85.8	88.0	88.7	89.1	89.8	89.8	90.2	90.5	90.5	90.9	91.4	91.4	91.5	91.5	91.7	91.8
≥ 900	86.1	88.3	89.0	89.5	90.1	90.1	90.6	90.9	90.9	91.2	91.7	91.7	91.8	91.8	92.0	92.2
≥ 800	86.9	89.5	90.3	90.8	91.6	91.6	92.2	92.4	92.4	92.7	93.2	93.2	93.4	93.4	93.7	93.8
≥ 700	87.1	89.7	90.5	91.0	91.8	91.8	92.5	92.8	92.8	93.1	93.7	93.7	93.9	93.9	94.1	94.2
≥ 600	87.6	90.3	91.2	91.6	92.7	92.7	93.3	93.7	93.7	94.0	94.5	94.5	94.8	94.8	95.1	95.2
≥ 500	88.5	91.4	92.5	92.9	94.0	94.0	94.6	94.9	94.9	95.6	96.1	96.1	96.5	96.5	96.9	97.0
≥ 400	88.9	92.2	93.2	93.7	94.7	94.7	95.4	95.7	95.7	96.6	97.2	97.2	97.6	97.6	98.1	98.2
≥ 300	89.1	92.4	93.4	93.9	95.3	95.3	95.9	96.2	96.2	97.1	97.7	97.7	98.3	98.3	98.7	98.9
≥ 200	89.1	92.5	93.5	94.0	95.4	95.4	96.0	96.3	96.3	97.3	98.0	98.0	98.8	98.8	99.5	99.7
≥ 100	89.1	92.5	93.5	94.0	95.4	95.4	96.0	96.3	96.3	97.3	98.0	98.0	98.8	98.8	99.6	99.8
≥ 0	89.1	92.5	93.5	94.0	95.4	95.4	96.0	96.3	96.3	97.3	98.0	98.0	98.8	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~26132~~ STATION — ~~FLINT SMITH INT'L APT~~ STATION NAME — ~~57-66~~ YEARS — ~~OCT~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0100-0500~~ HOUR (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.8	41.1	41.3	41.4	41.6	41.6	41.8	41.9	41.8	42.3	42.4	42.4	42.5	42.5	42.5	43.8
≥ 20000	42.5	42.8	43.0	43.1	43.3	43.3	43.5	43.5	43.5	44.0	44.1	44.1	44.2	44.2	44.5	45.3
≥ 18000	42.9	42.9	43.0	43.1	43.3	43.3	43.5	43.5	43.5	44.0	44.1	44.1	44.2	44.2	44.5	45.3
≥ 16000	42.7	43.0	43.2	43.3	43.5	43.5	43.8	43.8	43.8	44.2	44.3	44.3	44.4	44.4	44.7	45.5
≥ 14000	42.9	43.2	43.4	43.5	43.8	43.8	44.0	44.0	44.0	44.4	44.5	44.5	44.6	44.6	44.9	45.7
≥ 12000	44.5	44.8	45.1	45.2	45.4	45.4	45.6	45.6	45.6	46.0	46.1	46.1	46.2	46.2	46.6	47.3
≥ 10000	47.7	48.1	48.3	48.4	48.6	48.6	48.8	48.8	48.8	49.2	49.4	49.4	49.5	49.5	49.8	50.5
≥ 9000	48.8	49.4	49.6	49.7	49.9	49.9	50.1	50.1	50.1	50.5	50.6	50.6	50.8	50.8	51.1	51.8
≥ 8000	51.9	52.6	52.8	52.9	53.1	53.1	53.3	53.3	53.3	53.8	53.9	53.9	54.0	54.0	54.3	55.1
≥ 7000	54.5	55.3	55.5	55.6	55.8	55.8	56.0	56.0	56.0	56.5	56.6	56.6	56.7	56.7	57.1	57.8
≥ 6000	55.4	56.1	56.3	56.5	56.7	56.7	56.9	56.9	56.9	57.3	57.4	57.4	57.5	57.5	58.0	58.7
≥ 5000	56.6	57.4	57.6	57.7	58.0	58.0	58.2	58.2	58.2	58.6	58.7	58.7	58.8	58.8	59.2	60.0
≥ 4500	58.7	59.6	59.8	59.9	60.1	60.1	60.3	60.3	60.3	60.8	60.9	60.9	61.0	61.0	61.4	62.2
≥ 4000	60.9	61.8	62.2	62.3	62.5	62.5	62.7	62.7	62.7	63.1	63.2	63.2	63.3	63.3	63.8	64.5
≥ 3500	62.0	63.0	63.3	63.4	63.7	63.7	63.9	63.9	63.9	64.3	64.4	64.4	64.5	64.5	64.9	65.7
≥ 3000	65.5	66.6	67.0	67.1	67.3	67.3	67.5	67.5	67.5	68.0	68.1	68.1	68.2	68.2	68.6	69.4
≥ 2500	69.2	70.8	71.3	71.4	71.6	71.6	71.8	71.8	71.8	72.3	72.4	72.4	72.5	72.5	72.9	73.7
≥ 2000	72.0	74.2	74.7	74.8	75.1	75.1	75.3	75.3	75.3	75.8	76.1	76.1	76.2	76.2	76.7	77.4
≥ 1800	73.1	74.8	75.4	75.5	75.7	75.7	75.9	75.9	75.9	76.5	76.8	76.8	76.9	76.9	77.3	78.1
≥ 1500	76.0	78.0	78.6	78.7	78.9	78.9	79.1	79.1	79.1	79.7	80.4	80.4	80.5	80.5	81.0	81.7
≥ 1200	79.7	81.9	82.7	83.0	83.4	83.4	83.9	84.0	84.0	84.6	85.4	85.4	85.5	85.5	85.9	86.7
≥ 1000	82.2	85.2	86.1	86.5	87.0	87.0	87.5	87.6	87.6	88.6	89.4	89.4	89.6	89.6	90.0	90.8
≥ 900	83.5	86.6	87.5	87.8	88.4	88.4	88.9	89.0	89.0	90.0	90.9	90.9	91.1	91.1	91.5	92.3
≥ 800	84.3	87.4	88.3	88.8	89.4	89.4	89.9	90.0	90.0	91.1	91.9	91.9	92.2	92.2	92.6	93.3
≥ 700	84.7	87.8	89.0	89.4	89.9	89.9	90.5	90.8	90.8	91.8	92.7	92.7	92.9	92.9	93.3	94.1
≥ 600	85.8	88.3	89.6	90.0	90.6	90.6	91.3	91.5	91.5	92.6	93.6	93.6	93.7	93.7	94.1	94.8
≥ 500	85.4	88.8	90.2	90.6	91.4	91.4	92.0	92.3	92.5	93.5	94.4	94.4	94.6	94.6	95.1	95.8
≥ 400	85.7	89.1	90.5	91.1	91.8	91.8	92.5	92.7	92.9	94.1	94.9	94.9	95.2	95.2	95.7	96.5
≥ 300	86.2	89.8	91.3	91.8	92.6	92.6	93.3	93.5	93.8	94.9	95.9	95.9	96.3	96.3	97.0	97.7
≥ 200	86.5	90.0	91.5	92.2	92.9	92.9	93.7	93.9	94.1	95.3	96.3	96.3	96.7	97.2	97.8	98.9
≥ 100	86.7	90.2	91.7	92.5	93.2	93.2	94.1	94.3	94.5	95.8	96.9	97.2	97.7	97.7	98.4	99.7
≥ 0	86.7	90.2	91.7	92.5	93.2	93.2	94.1	94.3	94.5	95.8	97.0	97.3	97.8	97.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 940

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~2612~~ STATION ~~EAST SAINT LOUIS APT~~ STATION NAME ~~57-66~~ YEARS ~~OCT~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0600-0900~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.9	36.0	36.0	36.0	36.0	36.0	36.2	36.2	36.2	36.5	36.8	36.8	37.3	37.4	37.4	37.6
≥ 20000	38.5	38.6	38.6	38.6	38.6	38.6	38.8	38.8	38.8	39.0	39.4	39.4	40.0	40.1	40.1	40.3
≥ 18000	38.9	39.0	39.0	39.0	39.0	39.0	39.2	39.2	39.2	39.5	39.8	39.8	40.4	40.5	40.5	40.8
≥ 16000	39.5	39.6	39.6	39.6	39.6	39.6	39.8	39.8	39.8	40.0	40.3	40.3	41.0	41.1	41.1	41.3
≥ 14000	40.0	40.1	40.1	40.1	40.1	40.1	40.3	40.3	40.3	40.5	40.9	40.9	41.5	41.6	41.6	41.8
≥ 12000	41.0	41.1	41.1	41.1	41.1	41.1	41.3	41.3	41.3	41.5	41.8	41.8	42.5	42.6	42.6	42.8
≥ 10000	44.0	44.1	44.1	44.1	44.1	44.1	44.3	44.3	44.3	44.5	44.8	44.8	45.5	45.6	45.6	45.8
≥ 9000	46.5	46.7	46.7	46.8	46.8	46.8	47.0	47.0	47.0	47.2	47.5	47.5	48.2	48.3	48.3	48.5
≥ 8000	50.0	50.2	50.2	50.3	50.3	50.3	50.5	50.5	50.5	50.8	51.1	51.1	51.7	51.8	51.8	52.0
≥ 7000	53.5	53.7	53.7	53.8	53.8	53.8	54.0	54.0	54.0	54.3	54.6	54.6	55.3	55.4	55.4	55.6
≥ 6000	54.4	54.9	54.9	55.1	55.1	55.1	55.4	55.4	55.4	55.6	55.9	55.9	56.6	56.7	56.7	56.9
≥ 5000	56.0	56.6	56.6	56.8	56.8	56.8	57.1	57.1	57.1	57.3	57.6	57.6	58.3	58.4	58.4	58.6
≥ 4500	58.1	58.6	58.6	58.8	58.8	58.8	59.1	59.1	59.1	59.4	59.7	59.7	60.3	60.4	60.4	60.6
≥ 4000	60.6	61.4	61.4	61.6	61.6	61.6	61.9	61.9	61.9	62.2	62.5	62.5	63.1	63.2	63.2	63.4
≥ 3500	61.8	62.6	62.6	62.8	62.8	62.8	63.1	63.1	63.1	63.3	63.7	63.7	64.3	64.4	64.4	64.6
≥ 3000	65.1	65.8	65.8	66.0	66.0	66.0	66.3	66.3	66.3	66.6	66.9	66.9	67.5	67.6	67.6	67.8
≥ 2500	68.7	69.7	69.7	69.9	69.9	69.9	70.2	70.2	70.2	70.4	70.8	70.8	71.4	71.5	71.5	71.7
≥ 2000	72.4	73.9	74.0	74.4	74.5	74.5	74.8	74.9	74.9	75.3	75.6	75.6	76.2	76.3	76.4	76.6
≥ 1800	73.5	74.5	74.6	75.1	75.2	75.2	75.5	75.6	75.6	75.9	76.2	76.2	76.9	77.0	77.0	77.2
≥ 1500	76.7	78.6	78.8	79.4	79.5	79.5	79.8	79.9	80.0	80.3	80.9	80.9	81.8	81.9	81.9	82.2
≥ 1200	79.9	82.3	82.7	83.2	83.3	83.3	83.8	83.9	84.0	84.3	84.9	84.9	85.9	86.0	86.0	86.2
≥ 1000	83.1	85.6	86.0	86.6	86.9	86.9	87.5	87.8	88.0	88.3	89.4	89.4	90.3	90.4	90.4	90.6
≥ 900	83.9	86.5	86.9	87.4	87.7	87.7	88.4	88.7	88.8	89.1	90.2	90.2	91.2	91.3	91.3	91.5
≥ 800	85.3	88.0	88.6	89.1	89.5	89.5	90.1	90.4	90.5	91.0	92.0	92.0	93.0	93.1	93.1	93.3
≥ 700	85.5	88.2	88.8	89.4	89.7	89.7	90.3	90.6	90.8	91.3	92.4	92.4	93.4	93.5	93.5	93.8
≥ 600	86.1	88.8	89.5	90.0	90.3	90.3	91.0	91.4	91.5	92.0	93.1	93.1	94.2	94.3	94.3	94.5
≥ 500	86.6	89.5	90.4	91.0	91.3	91.3	92.2	92.6	92.7	93.3	94.4	94.4	95.5	95.6	95.6	95.8
≥ 400	87.0	89.9	91.0	91.5	91.8	91.8	92.7	93.1	93.2	93.9	94.9	94.9	96.0	96.1	96.1	96.3
≥ 300	87.3	90.4	91.5	92.0	92.3	92.3	93.3	93.9	94.0	94.8	95.9	95.9	97.0	97.1	97.1	97.3
≥ 200	87.3	90.4	91.6	92.2	92.6	92.6	93.7	94.3	94.4	95.3	96.3	96.3	97.8	98.0	98.0	98.2
≥ 100	87.3	90.4	91.6	92.2	92.6	92.6	93.7	94.3	94.4	95.4	96.5	96.5	98.2	98.3	98.6	99.7
0	87.3	90.4	91.6	92.2	92.6	92.6	93.7	94.3	94.4	95.4	96.5	96.5	98.2	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~26162~~ STATION ~~FORT SMITH MUNICIPAL ART~~ STATION NAME ~~57-66~~ YEARS ~~OCT~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0800-1100~~ HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.5	31.6	31.7	31.9	31.9	31.9	31.9	32.0	32.0	32.2	32.2	32.2	32.2	32.2	32.3	32.3
≥ 20000	35.6	35.7	35.8	36.0	36.0	36.0	36.0	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.3	36.3
≥ 18000	36.0	36.1	36.2	36.5	36.5	36.5	36.5	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.8	36.8
≥ 16000	37.4	37.5	37.6	37.8	37.8	37.8	37.8	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.2	38.2
≥ 14000	38.6	38.3	38.4	38.6	38.6	38.6	38.6	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.9	38.9
≥ 12000	39.7	39.8	39.9	40.1	40.1	40.1	40.1	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.4	40.4
≥ 10000	42.2	42.3	42.4	42.6	42.6	42.6	42.6	42.7	42.7	42.8	42.8	42.9	42.8	42.8	42.9	42.9
≥ 9000	44.6	44.7	44.8	45.1	45.1	45.1	45.1	45.2	45.2	45.3	45.3	45.4	45.3	45.3	45.4	45.4
≥ 8000	49.4	49.5	49.6	49.8	49.8	49.8	49.8	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.1	50.1
≥ 7000	53.2	53.7	53.8	54.0	54.0	54.0	54.0	54.1	54.1	54.2	54.3	54.3	54.4	54.4	54.5	54.5
≥ 6000	53.5	54.0	54.2	54.4	54.4	54.4	54.4	54.5	54.5	54.6	54.7	54.7	54.8	54.8	54.9	54.9
≥ 5000	54.8	55.3	55.5	55.7	55.7	55.7	55.7	55.8	55.8	55.9	56.0	56.0	56.2	56.2	56.3	56.3
≥ 4500	55.3	55.7	55.9	56.1	56.1	56.1	56.1	56.2	56.2	56.3	56.5	56.5	56.7	56.7	56.8	56.8
≥ 4000	58.0	58.4	58.6	58.8	58.8	58.8	58.8	58.9	58.9	59.0	59.1	59.1	59.4	59.4	59.5	59.5
≥ 3500	58.5	58.9	59.1	59.4	59.4	59.4	59.4	59.5	59.5	59.6	59.7	59.7	59.9	59.9	60.0	60.0
≥ 3000	61.0	61.5	61.7	61.9	61.9	61.9	61.9	62.0	62.0	62.2	62.3	62.3	62.5	62.5	62.6	62.6
≥ 2500	65.2	65.9	66.1	66.3	66.3	66.3	66.3	66.5	66.5	66.6	66.7	66.7	66.9	66.9	67.0	67.0
≥ 2000	69.0	69.9	70.1	70.5	70.5	70.5	70.5	70.6	70.6	70.9	71.0	71.0	71.2	71.2	71.3	71.3
≥ 1800	70.4	71.4	71.6	72.0	72.0	72.0	72.0	72.2	72.2	72.4	72.5	72.5	72.7	72.7	72.8	72.8
≥ 1500	73.2	74.6	74.8	75.5	75.7	75.7	75.7	75.9	75.9	76.1	76.5	76.5	76.7	76.7	76.8	76.8
≥ 1200	77.2	78.9	79.2	79.9	80.1	80.1	80.1	80.3	80.3	80.5	80.9	80.9	81.1	81.1	81.2	81.2
≥ 1000	80.8	82.6	82.9	83.5	84.1	84.1	84.1	84.4	84.4	84.7	85.1	85.1	85.3	85.3	85.4	85.4
≥ 900	82.4	84.6	84.9	85.6	86.2	86.3	86.3	86.7	86.7	87.0	87.3	87.3	87.5	87.5	87.6	87.6
≥ 800	84.1	86.6	86.9	87.6	88.5	88.6	88.7	89.0	89.0	89.5	90.0	90.0	90.2	90.2	90.4	90.3
≥ 700	85.2	87.6	88.0	88.7	89.7	89.8	89.9	90.2	90.2	90.6	91.3	91.3	91.5	91.5	91.6	91.6
≥ 600	89.0	89.1	88.3	89.4	90.3	90.4	90.5	90.9	90.9	91.3	91.9	91.9	92.2	92.2	92.3	92.3
≥ 500	86.7	89.1	89.7	90.5	91.6	91.8	91.9	92.4	92.4	93.0	93.8	93.8	94.1	94.1	94.2	94.2
≥ 400	87.8	90.8	91.3	92.2	93.2	93.4	93.7	94.2	94.2	95.2	95.9	95.9	96.2	96.2	96.3	96.3
≥ 300	88.0	91.0	91.5	92.4	93.7	93.9	94.2	94.7	94.7	95.9	96.8	96.8	97.1	97.1	97.4	97.6
≥ 200	88.1	91.1	91.6	92.8	94.2	94.4	94.7	95.3	95.3	96.6	97.5	97.3	98.1	98.2	99.1	99.9
≥ 100	98.1	91.1	91.6	92.8	94.2	94.4	94.7	95.3	95.3	96.7	97.6	97.6	98.2	98.3	99.2	100.0
0	88.1	91.1	91.6	92.8	94.2	94.4	94.7	95.3	95.3	96.7	97.6	97.6	98.2	98.3	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 910

1 USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1100 (LST) 1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
≥ 20000	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 18000	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 16000	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 14000	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 12000	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 10000	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 9000	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 8000	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 7000	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 6000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 5000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 4500	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 4000	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 3500	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 3000	58.9	59.1	59.2	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 2500	64.0	64.2	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 2000	68.6	68.6	68.7	68.7	68.7	68.7	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 1800	70.1	70.3	70.4	70.4	70.4	70.4	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 1500	76.0	76.3	76.5	76.6	76.6	76.6	76.8	76.9	76.9	77.1	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1200	80.8	81.2	81.4	81.5	81.5	81.5	81.7	81.8	81.8	82.0	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1000	84.9	85.7	85.9	86.0	86.1	86.1	86.3	86.5	86.5	86.7	87.2	87.2	87.2	87.3	87.3	87.3
≥ 900	85.7	86.5	86.8	86.9	87.0	87.0	87.2	87.3	87.3	87.5	88.1	88.1	88.1	88.2	88.2	88.2
≥ 800	87.5	88.4	88.7	88.9	89.1	89.1	89.4	89.5	89.5	89.9	90.6	90.6	90.6	90.8	90.8	90.8
≥ 700	88.5	89.5	89.8	90.0	90.3	90.3	90.6	90.9	90.9	91.4	92.3	92.3	92.3	92.4	92.4	92.4
≥ 600	89.7	90.6	91.0	91.3	91.6	91.6	92.0	92.3	92.3	92.8	93.7	93.7	93.7	93.8	93.8	93.8
≥ 500	91.2	92.4	92.7	93.0	93.4	93.4	94.0	94.4	94.4	95.1	95.9	96.0	96.0	96.2	96.3	96.3
≥ 400	92.0	93.2	93.5	93.9	94.3	94.3	94.9	95.5	95.5	96.2	97.3	97.4	97.4	97.7	98.0	98.0
≥ 300	92.5	93.7	94.0	94.3	94.8	94.8	95.7	96.2	96.2	97.0	98.3	98.5	98.7	99.0	99.2	99.2
≥ 200	92.7	93.9	94.3	94.6	95.2	95.2	96.0	96.6	96.6	97.4	98.8	99.0	99.4	99.7	99.9	99.9
≥ 100	92.7	93.9	94.3	94.6	95.2	95.2	96.0	96.6	96.6	97.4	98.8	99.0	99.5	99.8	100.0	100.0
≥ 0	92.7	93.9	94.3	94.6	95.2	95.2	96.0	96.6	96.6	97.4	98.8	99.0	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~23102~~ STATION ~~FORT SMITH MAP UOT APT~~ STATION NAME ~~57-66~~ YEARS ~~CT~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1500-1700~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.2	32.2	32.2	32.2	32.2	32.2
≥ 20000	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6
≥ 18000	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8
≥ 16000	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4
≥ 14000	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2
≥ 12000	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6
≥ 10000	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5
≥ 9000	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6
≥ 8000	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4
≥ 7000	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 6000	56.7	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1
≥ 5000	58.1	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5
≥ 4500	58.1	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5
≥ 4000	60.4	60.6	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0
≥ 3500	61.2	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7
≥ 3000	63.5	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1
≥ 2500	66.6	66.8	67.0	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4
≥ 2000	72.5	72.7	72.9	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4
≥ 1800	74.3	74.5	74.7	74.9	74.9	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1500	80.2	80.4	80.6	80.9	81.0	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1200	84.0	84.8	85.3	85.5	85.6	85.7	85.8	85.8	85.8	85.9	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1000	86.6	87.6	88.2	88.4	88.8	88.9	89.0	89.1	89.1	89.2	89.6	89.6	89.8	89.8	89.8	89.8
≥ 900	88.0	89.0	89.6	89.8	90.2	90.4	90.5	90.6	90.6	90.8	91.1	91.1	91.3	91.3	91.4	91.4
≥ 800	89.7	90.8	91.3	91.6	92.3	92.6	92.7	93.0	93.0	93.2	93.5	93.5	93.8	93.8	93.9	93.9
≥ 700	91.2	92.3	92.9	93.2	93.9	94.2	94.4	94.7	94.7	95.1	95.7	95.7	95.9	95.9	96.0	96.0
≥ 600	91.7	92.8	93.5	93.9	94.5	94.8	95.1	95.4	95.4	95.7	96.3	96.3	96.7	96.7	96.8	96.8
≥ 500	92.0	93.2	94.0	94.3	94.9	95.3	95.6	95.9	95.9	96.3	97.2	97.4	97.7	97.7	98.0	98.0
≥ 400	92.5	93.7	94.4	94.8	95.5	95.8	96.1	96.5	96.5	97.1	97.8	98.1	98.7	98.7	99.0	99.0
≥ 300	92.6	93.8	94.5	94.9	95.6	95.9	96.2	96.6	96.6	97.2	98.0	98.2	98.9	98.9	99.4	99.4
≥ 200	92.6	93.8	94.5	94.9	95.7	96.0	96.3	96.7	96.7	97.3	98.1	98.3	99.1	99.1	99.6	99.7
≥ 100	92.6	93.8	94.5	94.9	95.7	96.0	96.3	96.7	96.7	97.3	98.1	98.3	99.1	99.1	99.9	100.0
≥ 0	92.6	93.8	94.5	94.9	95.7	96.0	96.3	96.7	96.7	97.3	98.1	98.3	99.1	99.1	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~2nd/2~~ STAND ~~EIGHT SQDN, 1WT, DUT, APT~~ STATION NAME ~~57-66~~ YEARS ~~OCT~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1 000 to 2000~~

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.7	36.8
	39.4	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.6	39.6	39.6	39.6	39.8	39.9
≥ 18000 ≥ 16000	39.5	39.5	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.9	40.0
	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.8	40.9
≥ 14000 ≥ 12000	41.6	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.8	41.8	41.8	41.8	42.0	42.2
	44.3	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.7	44.8
≥ 10000 ≥ 9000	47.4	47.4	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7	48.0	48.1
	48.8	48.8	48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.4	49.5
≥ 8000 ≥ 7000	52.3	52.3	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.8	52.9
	57.0	57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.7	57.8
≥ 6000 ≥ 5000	57.6	57.8	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.4	58.5
	59.7	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.4	60.5
≥ 4500 ≥ 4000	60.2	60.4	60.5	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	61.1	61.2
	63.7	63.9	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.5	64.6
≥ 3500 ≥ 3000	65.8	66.0	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.7	66.9
	68.0	68.2	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.8	68.9
≥ 2500 ≥ 2000	71.4	71.9	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.6	72.7
	76.6	77.1	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.7	77.8
≥ 1800 ≥ 1500	78.3	78.8	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.5	79.6
	81.2	82.3	82.4	82.4	82.6	82.8	82.9	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.4	83.4
≥ 1200 ≥ 1000	84.4	85.6	85.8	85.8	86.3	86.3	86.7	86.7	86.7	87.0	87.1	87.1	87.2	87.2	87.4	87.5
	86.1	87.5	87.7	87.7	88.3	88.3	88.7	88.7	88.7	89.0	89.1	89.1	89.6	89.6	89.8	89.9
≥ 900 ≥ 800	86.0	88.0	88.2	88.2	88.7	88.8	89.2	89.2	89.2	89.8	89.9	89.9	90.4	90.4	90.6	90.8
	87.5	88.9	89.1	89.1	90.0	90.1	90.6	90.9	90.9	91.6	91.9	91.9	92.5	92.5	92.7	92.8
≥ 700 ≥ 600	88.7	90.2	90.4	90.6	91.6	91.7	92.6	92.7	92.7	93.5	93.9	93.9	94.5	94.5	94.7	94.8
	88.9	91.0	91.2	91.5	92.6	92.7	93.7	93.8	93.8	94.7	95.2	95.2	95.9	95.9	96.1	96.2
≥ 500 ≥ 400	89.1	91.6	91.9	92.4	93.5	93.7	94.6	94.8	94.8	95.8	96.2	96.2	97.3	97.3	97.5	97.6
	89.5	91.9	92.3	92.7	94.0	94.1	95.1	95.3	95.3	96.2	96.7	96.7	98.3	98.3	98.5	98.6
≥ 300 ≥ 200	89.6	92.2	92.5	92.9	94.2	94.3	95.3	95.5	95.5	96.6	97.0	97.0	98.7	98.7	98.9	99.0
	89.9	92.2	92.5	92.9	94.2	94.3	95.4	95.7	95.7	96.8	97.2	97.5	99.2	99.2	99.5	99.6
≥ 100 ≥ 0	89.6	92.2	92.5	92.9	94.2	94.3	95.4	95.7	95.7	96.8	97.2	97.5	99.4	99.4	99.7	99.9
	89.9	92.2	92.5	92.9	94.2	94.3	95.4	95.7	95.7	96.8	97.2	97.5	99.6	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~20103~~ STATION ~~FORT [illegible] [illegible]~~ STATION NAME 57-66 YEARS ~~GT~~ HOUR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1200-2400~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 20000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 18000 ≥ 16000	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 14000 ≥ 12000	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 10000 ≥ 9000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 8000 ≥ 7000	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 6000 ≥ 5000	57.8	57.8	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 4500 ≥ 4000	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8
≥ 3500 ≥ 3000	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0
	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6
≥ 2500 ≥ 2000	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7
	78.4	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8
≥ 1800 ≥ 1500	79.7	79.7	79.7	79.9	80.0	80.0	80.2	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4
	82.1	82.2	82.4	82.8	83.2	83.2	83.5	83.5	83.5	83.8	83.9	83.9	84.0	84.0	84.0	84.0
≥ 1200 ≥ 1000	86.1	86.7	86.9	87.4	87.8	87.8	88.2	88.2	88.2	88.5	88.6	88.6	89.0	89.0	89.0	89.0
	87.7	87.3	87.7	88.5	89.1	89.1	89.9	89.9	89.9	90.3	90.4	90.4	91.1	91.1	91.1	91.1
≥ 900 ≥ 800	88.3	88.1	88.5	89.2	89.9	90.0	90.8	90.9	90.9	91.4	91.5	91.5	92.2	92.2	92.2	92.2
	89.9	89.0	89.5	90.2	90.9	91.0	91.7	91.8	91.8	92.6	92.9	92.9	93.5	93.5	93.5	93.5
≥ 700 ≥ 600	90.6	90.3	90.9	91.7	92.4	92.5	93.3	93.4	93.4	94.2	94.6	94.6	95.5	95.5	95.5	95.5
	91.3	91.2	91.7	92.6	93.3	93.4	94.3	94.4	94.4	95.5	95.9	95.9	97.1	97.1	97.1	97.1
≥ 500 ≥ 400	91.8	91.9	92.4	93.2	94.1	94.2	95.1	95.2	95.2	96.5	96.9	96.9	98.1	98.1	98.1	98.1
	91.9	91.9	92.5	93.3	94.2	94.3	95.2	95.3	95.3	96.6	97.0	97.0	98.2	98.2	98.2	98.2
≥ 300 ≥ 200	92.1	92.3	92.8	93.7	94.6	94.7	95.6	95.7	95.7	97.0	97.4	97.4	98.6	98.6	98.6	98.6
	92.1	92.3	92.8	93.7	94.7	94.8	95.8	95.9	95.9	97.3	97.7	97.7	99.1	99.1	99.1	99.1
≥ 100 ≥ 0	92.1	92.3	92.8	93.8	94.8	94.9	95.9	96.0	96.0	97.4	98.1	98.1	99.6	99.6	100.0	100.0
	92.1	92.3	92.8	93.8	94.8	94.9	95.9	96.0	96.0	97.4	98.1	98.1	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 960

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~06102~~ STATION — ~~FORT SMITH MUNI AIRPORT~~ STATION NAME — ~~57-66~~ YEARS — ~~NOV~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0000-0200~~ HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES: ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	34.4	34.9	34.9	35.0	35.2	35.2	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 20000	35.7	36.1	36.1	36.2	36.4	36.4	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 18000	35.9	36.3	36.3	36.4	36.7	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 16000	36.0	36.4	36.4	36.6	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 14000	37.0	37.4	37.6	37.7	37.9	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 12000	38.4	38.7	38.8	38.9	39.1	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 10000	41.2	41.7	41.8	41.9	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 9000	42.3	42.8	42.9	43.0	43.2	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 8000	44.4	45.0	45.1	45.3	45.7	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 7000	48.0	48.9	49.0	49.2	50.0	50.0	50.2	50.2	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.4
≥ 6000	48.2	49.2	49.3	49.6	50.3	50.3	50.7	50.7	50.7	50.8	50.9	50.9	50.9	50.9	50.9	50.9
≥ 5000	49.2	50.4	50.6	50.8	51.6	51.6	52.0	52.0	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2
≥ 4500	49.6	50.6	50.9	51.1	52.0	52.0	52.4	52.4	52.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7
≥ 4000	52.2	53.6	53.8	54.0	55.2	55.2	55.7	55.7	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9
≥ 3500	52.8	54.1	54.3	54.8	56.1	56.1	56.6	56.7	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9
≥ 3000	55.8	57.8	58.0	58.4	59.8	59.8	60.2	60.4	60.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7
≥ 2500	59.3	61.6	61.8	62.2	63.6	63.6	64.1	64.4	64.4	64.6	64.7	64.7	64.7	64.7	64.7	64.7
≥ 2000	62.0	63.2	63.6	64.0	65.6	65.6	66.2	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8
≥ 1800	63.0	66.0	66.4	66.9	68.7	68.7	69.3	69.7	69.7	70.1	70.2	70.2	70.2	70.2	70.2	70.2
≥ 1500	68.8	70.3	71.1	71.8	74.0	74.1	75.0	75.3	75.3	75.9	76.0	76.0	76.0	76.0	76.0	76.0
≥ 1200	69.8	73.7	74.4	75.1	77.4	77.6	78.4	78.9	78.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1
≥ 1000	74.0	77.2	78.2	79.1	81.7	81.8	82.7	83.1	83.1	84.7	84.9	84.9	84.9	84.9	84.9	84.9
≥ 900	74.6	79.1	80.1	81.0	83.6	83.7	84.6	85.0	85.0	86.6	86.9	86.9	86.9	86.9	86.9	86.9
≥ 800	76.3	81.2	82.4	83.3	86.0	86.1	87.0	87.4	87.4	89.1	89.4	89.4	89.4	89.4	89.4	89.4
≥ 700	77.9	82.8	84.0	84.9	87.7	87.8	88.9	89.3	89.3	91.1	91.4	91.4	91.4	91.4	91.4	91.4
≥ 600	79.4	84.3	85.6	86.4	89.2	89.3	90.6	91.0	91.0	92.8	93.2	93.2	93.2	93.2	93.2	93.2
≥ 500	81.4	86.4	87.7	88.6	91.8	91.9	93.2	93.7	93.7	95.4	95.9	95.9	95.9	95.9	95.9	95.9
≥ 400	82.1	87.4	88.7	89.6	92.8	92.9	94.3	94.8	94.8	96.6	97.0	97.0	97.0	97.0	97.0	97.0
≥ 300	83.0	88.3	89.6	90.6	93.8	93.9	95.7	96.1	96.1	97.9	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	83.7	89.0	90.2	91.2	94.4	94.6	96.6	97.0	97.0	98.9	99.3	99.3	99.7	99.7	99.7	99.7
≥ 100	83.7	89.0	90.2	91.2	94.4	94.6	96.6	97.0	97.0	98.9	99.3	99.3	99.8	99.8	100.0	100.0
≥ 0	83.7	89.0	90.2	91.2	94.4	94.6	96.6	97.0	97.0	98.9	99.3	99.3	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS ~~900~~

1

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATA PROCESSING DIVISION
SAF ETA
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[redacted] STATION NAME [redacted] 57-66 YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] 0100 to 0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING																
≥ 20000	34.1	34.2	34.2	34.3	34.3	34.3	34.4	34.4	34.6	34.6	34.6	34.6	34.7	34.7	34.7	34.7
	35.6	35.7	35.7	35.8	35.8	35.8	35.9	35.9	35.9	36.0	36.0	36.0	36.1	36.1	36.1	36.1
≥ 18000	35.0	35.7	35.7	35.8	35.8	35.8	35.9	35.9	35.9	36.0	36.0	36.0	36.1	36.1	36.1	36.1
≥ 16000	35.0	35.7	35.7	35.8	35.8	35.8	35.9	35.9	35.9	36.0	36.0	36.0	36.1	36.1	36.1	36.1
≥ 14000	36.3	36.4	36.4	36.6	36.6	36.6	36.7	36.7	36.7	36.8	36.8	36.8	36.9	36.9	36.9	36.9
≥ 12000	37.6	37.6	37.6	37.7	37.7	37.7	37.8	37.8	37.8	37.9	37.9	37.9	38.0	38.0	38.0	38.0
≥ 10000	39.6	39.7	39.7	39.8	39.8	39.8	39.9	39.9	39.9	40.0	40.0	40.0	40.1	40.1	40.1	40.1
≥ 9000	41.3	41.6	41.6	41.7	41.7	41.7	41.8	41.8	41.8	41.9	41.9	41.9	42.0	42.0	42.0	42.0
≥ 8000	43.7	43.9	43.9	44.0	44.0	44.0	44.1	44.1	44.1	44.2	44.2	44.2	44.3	44.3	44.3	44.3
≥ 7000	45.0	45.6	45.7	45.8	46.0	46.1	46.2	46.2	46.2	46.3	46.4	46.3	46.4	46.4	46.4	46.4
≥ 6000	45.4	46.2	46.3	46.4	46.6	46.9	47.0	47.0	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.2
≥ 5000	47.8	48.7	48.8	48.9	49.2	49.3	49.4	49.4	49.4	49.6	49.6	49.6	49.7	49.7	49.7	49.7
≥ 4500	48.2	49.1	49.2	49.3	49.7	49.8	49.9	49.9	49.9	50.0	50.0	50.0	50.1	50.1	50.1	50.1
≥ 4000	50.8	52.0	52.2	52.3	52.7	52.8	52.9	52.9	52.9	53.0	53.0	53.0	53.1	53.1	53.1	53.1
≥ 3500	51.7	53.1	53.4	53.4	53.8	53.9	54.1	54.1	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.3
≥ 3000	54.1	55.9	56.1	56.2	56.7	56.8	57.0	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2
≥ 2500	57.4	59.9	60.3	60.6	61.0	61.2	61.4	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7
≥ 2000	59.9	62.7	63.1	63.8	64.4	64.7	64.9	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.4
≥ 1800	60.0	63.6	64.0	64.7	65.4	65.7	65.9	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4
≥ 1500	64.9	68.3	68.8	69.4	70.2	70.4	70.7	71.0	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.3
≥ 1200	69.0	72.9	73.7	74.3	75.2	75.4	76.1	76.6	76.6	76.9	77.0	77.0	77.1	77.1	77.1	77.1
≥ 1000	71.8	75.8	76.7	77.6	78.8	79.0	79.8	80.2	80.2	80.9	81.1	81.1	81.2	81.2	81.2	81.3
≥ 900	72.6	77.3	78.2	79.1	80.3	80.6	81.3	81.8	81.8	82.4	82.9	82.9	83.0	83.0	83.0	83.1
≥ 800	74.0	78.6	79.7	80.8	82.0	82.3	83.2	83.7	83.7	84.4	84.9	84.9	85.0	85.0	85.0	85.1
≥ 700	75.4	80.0	81.1	82.4	83.6	84.1	85.0	85.4	85.4	86.3	86.8	86.8	86.9	86.9	86.9	87.1
≥ 600	77.1	81.9	83.0	84.3	85.7	86.0	87.0	87.4	87.4	88.3	88.9	88.9	89.3	89.3	89.3	89.4
≥ 500	79.0	84.2	85.4	86.8	88.6	88.9	90.0	90.4	90.4	91.3	91.9	91.9	92.3	92.3	92.3	92.4
≥ 400	80.9	86.0	87.1	88.4	90.2	90.6	91.8	92.2	92.2	93.1	93.7	93.7	94.1	94.1	94.1	94.2
≥ 300	82.1	87.6	88.9	90.4	92.6	92.9	94.1	94.7	94.7	95.6	96.1	96.1	96.6	96.6	96.6	96.7
≥ 200	82.9	88.5	90.1	91.7	93.9	94.3	95.8	96.4	96.4	97.7	98.2	98.2	98.7	98.7	98.7	98.8
≥ 100	83.1	88.8	90.3	91.9	94.1	94.6	96.0	96.7	96.7	98.2	98.8	98.8	99.3	99.3	99.9	100.0
≥ 0	83.1	88.8	90.3	91.9	94.1	94.6	96.0	96.7	96.7	98.2	98.8	98.8	99.3	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ 57-66 YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

GMT 0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.3	31.3	31.3	31.3	31.4	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.9	31.9	32.0	32.1
≥ 20000	32.2	32.2	32.2	32.2	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.8	32.8	32.9	33.0
≥ 18000	32.2	32.2	32.2	32.2	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.8	32.8	32.9	33.0
≥ 16000	32.2	32.2	32.2	32.2	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.8	32.8	32.9	33.0
≥ 14000	33.1	33.1	33.1	33.1	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.7	33.7	33.8	33.9
≥ 12000	34.2	34.2	34.2	34.2	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.8	34.8	34.9	35.0
≥ 10000	36.8	36.9	36.9	36.9	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.4	37.4	37.7	37.8
≥ 9000	38.7	39.0	39.0	39.0	39.1	39.1	39.2	39.2	39.2	39.2	39.3	39.3	39.7	39.7	39.9	40.0
≥ 8000	42.0	42.4	42.4	42.4	42.6	42.6	42.7	42.7	42.7	42.8	42.9	42.9	43.2	43.2	43.4	43.6
≥ 7000	44.3	45.1	45.1	45.1	45.2	45.2	45.3	45.3	45.4	45.4	45.6	45.6	45.9	45.9	46.1	46.2
≥ 6000	45.6	46.3	46.3	46.3	46.4	46.4	46.6	46.6	46.6	46.8	46.9	46.9	47.2	47.2	47.4	47.6
≥ 5000	47.2	48.0	48.0	48.0	48.1	48.1	48.2	48.2	48.2	48.3	48.9	48.9	49.2	49.2	49.4	49.6
≥ 4500	47.7	48.4	48.4	48.4	48.6	48.6	48.7	48.7	48.7	49.2	49.3	49.3	49.7	49.7	49.9	50.0
≥ 4000	49.6	50.7	50.7	50.7	50.8	50.8	50.9	50.9	50.9	51.6	51.7	51.7	52.0	52.0	52.2	52.3
≥ 3500	51.2	52.2	52.2	52.2	52.4	52.4	52.7	52.7	52.7	53.3	53.4	53.4	53.8	53.8	54.0	54.1
≥ 3000	54.6	56.0	56.0	56.0	56.2	56.2	56.4	56.4	56.4	57.2	57.3	57.3	57.7	57.7	57.9	58.0
≥ 2500	56.8	58.4	58.6	58.7	58.9	58.9	59.1	59.1	59.1	59.9	60.0	60.0	60.3	60.3	60.6	60.7
≥ 2000	59.9	62.1	62.3	62.7	63.1	63.3	63.6	63.6	63.6	64.6	64.7	64.7	65.1	65.1	65.3	65.4
≥ 1800	60.9	63.6	63.8	64.1	64.9	64.9	65.1	65.1	65.1	66.4	66.6	66.6	67.0	67.0	67.2	67.3
≥ 1500	63.9	67.0	67.2	67.6	68.3	68.3	68.7	68.8	68.8	70.4	70.7	70.7	71.1	71.1	71.3	71.4
≥ 1200	69.0	72.9	73.1	74.0	75.3	75.3	75.9	76.0	76.0	77.7	77.9	77.9	78.3	78.3	78.6	78.7
≥ 1000	71.8	76.3	76.9	78.0	79.8	79.8	80.4	80.8	80.9	82.7	82.9	82.9	83.3	83.3	83.6	83.7
≥ 900	74.7	77.6	78.1	79.2	81.0	81.0	81.7	82.0	82.0	83.9	84.1	84.2	84.7	84.7	84.9	85.0
≥ 800	74.2	77.1	79.8	81.0	82.8	83.0	83.8	84.1	84.1	86.2	86.4	86.6	87.1	87.1	87.3	87.4
≥ 700	75.6	80.6	81.2	82.4	84.3	84.6	85.4	85.8	85.8	87.9	88.1	88.2	88.8	88.8	89.0	89.1
≥ 600	75.9	82.3	83.1	84.3	86.3	86.6	87.6	87.9	87.9	90.2	90.6	90.7	91.7	91.7	91.9	92.0
≥ 500	77.7	83.4	84.3	85.6	88.1	88.3	89.4	89.8	89.8	92.2	92.6	92.8	93.8	93.8	94.0	94.1
≥ 400	78.8	84.8	85.7	86.9	89.6	89.8	90.9	91.2	91.2	93.8	94.1	94.3	95.3	95.3	95.6	95.7
≥ 300	80.0	86.0	87.2	88.4	91.7	91.9	93.0	93.4	93.4	96.3	96.7	96.9	97.9	98.0	98.2	98.3
≥ 200	80.3	86.3	87.8	89.0	92.2	92.4	93.6	94.2	94.2	97.3	97.7	97.9	98.9	99.0	99.2	99.3
≥ 100	80.4	86.4	87.9	89.1	92.3	92.6	93.7	94.3	94.3	97.6	97.9	98.1	99.2	99.3	99.6	99.7
0	80.4	86.4	87.9	89.1	92.3	92.6	93.7	94.3	94.3	97.6	97.9	98.1	99.2	99.3	99.7	100.

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME FORT SMITH NAT'L ARPT YEARS 57-66 MONTH [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOUR (LST) 0800-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.9	28.8	29.0	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.4	29.4
≥ 20000	30.2	31.2	31.4	31.7	31.9	31.9	31.9	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.1	32.1
≥ 18000	30.3	31.3	31.6	31.8	32.0	32.0	32.0	32.0	32.0	32.1	32.1	32.1	32.1	32.1	32.2	32.2
≥ 16000	30.4	31.4	31.7	31.9	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.3	32.3
≥ 14000	30.9	32.0	32.2	32.4	32.7	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.9	32.9
≥ 12000	32.1	33.2	33.4	33.7	33.9	33.9	33.9	33.9	33.9	34.0	34.0	34.0	34.0	34.0	34.1	34.1
≥ 10000	34.6	35.8	36.1	36.3	36.6	36.6	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.8	36.8
≥ 9000	37.3	38.6	38.9	39.1	39.3	39.3	39.3	39.3	39.3	39.4	39.4	39.4	39.6	39.6	39.7	39.7
≥ 8000	42.3	44.0	44.3	44.7	44.9	44.9	44.9	44.9	44.9	45.0	45.0	45.0	45.1	45.1	45.3	45.3
≥ 7000	44.9	47.0	47.4	47.8	48.1	48.1	48.1	48.1	48.1	48.3	48.3	48.3	48.4	48.4	48.7	48.7
≥ 6000	45.6	47.7	48.1	48.4	48.6	48.8	48.8	48.8	48.8	49.0	49.0	49.0	49.1	49.1	49.3	49.3
≥ 5000	47.0	49.1	49.6	49.9	50.2	50.2	50.2	50.2	50.2	50.4	50.4	50.4	50.6	50.6	50.8	50.8
≥ 4500	47.2	49.3	49.8	50.1	50.4	50.4	50.4	50.4	50.4	50.7	50.7	50.7	50.8	50.8	51.0	51.0
≥ 4000	48.8	51.0	51.4	51.8	52.1	52.1	52.2	52.2	52.2	52.4	52.4	52.4	52.6	52.6	52.8	52.8
≥ 3500	49.4	51.8	52.2	52.6	53.0	53.0	53.1	53.1	53.1	53.3	53.3	53.3	53.4	53.4	53.7	53.7
≥ 3000	52.1	54.4	55.0	55.4	56.0	56.0	56.6	56.6	56.6	56.9	57.0	57.0	57.2	57.2	57.4	57.4
≥ 2500	55.9	58.3	59.0	59.4	60.2	60.2	60.9	60.9	60.9	61.2	61.3	61.3	61.6	61.6	61.8	61.8
≥ 2000	57.8	60.6	61.3	62.2	63.1	63.1	64.0	64.2	64.2	64.7	64.8	64.8	65.0	65.0	65.2	65.2
≥ 1800	60.0	62.8	63.6	64.4	65.4	65.4	66.3	66.6	66.6	67.0	67.1	67.1	67.3	67.3	67.6	67.6
≥ 1500	63.4	66.7	67.6	68.7	69.7	69.7	70.6	70.9	70.9	71.6	71.7	71.7	71.9	71.9	72.1	72.1
≥ 1200	66.0	69.7	70.7	72.0	73.2	73.4	74.3	74.7	74.7	75.4	75.8	75.8	76.0	76.0	76.2	76.2
≥ 1000	69.1	73.2	74.3	75.9	77.7	77.9	79.0	79.3	79.3	80.2	81.0	81.0	81.2	81.2	81.4	81.4
≥ 900	69.8	74.1	75.3	76.9	78.9	79.1	80.3	80.7	80.7	81.6	82.6	82.6	82.9	82.9	83.1	83.1
≥ 800	71.2	76.2	77.6	79.3	81.4	81.8	83.1	83.4	83.4	84.8	86.1	86.1	86.4	86.4	86.7	86.7
≥ 700	72.6	77.7	79.2	81.1	83.3	83.7	85.0	85.3	85.3	86.7	88.0	88.0	88.6	88.6	88.8	88.8
≥ 600	74.3	79.7	81.3	83.4	86.0	86.3	87.7	88.1	88.1	89.7	91.1	91.1	92.2	92.2	92.4	92.4
≥ 500	76.7	82.1	84.0	86.4	89.2	89.6	91.0	91.4	91.4	93.3	95.1	95.1	96.4	96.7	96.9	96.9
≥ 400	77.2	83.0	84.9	87.3	90.2	90.6	92.0	92.6	92.6	94.6	96.3	96.4	98.0	98.2	98.4	98.4
≥ 300	77.6	83.4	85.3	87.8	90.7	91.0	92.4	93.1	93.1	95.1	96.9	97.0	98.6	98.8	99.1	99.1
≥ 200	77.6	83.6	85.4	87.9	90.8	91.1	92.7	93.4	93.4	95.6	97.3	97.4	99.1	99.3	99.4	99.4
≥ 100	77.6	83.6	85.4	87.9	90.8	91.1	92.7	93.4	93.4	95.6	97.3	97.4	99.1	99.3	99.4	99.4
0	77.6	83.6	85.4	87.9	90.8	91.1	92.7	93.4	93.4	95.6	97.3	97.4	99.1	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~72342~~ STATION ~~FORT SMITH MAT DOT ARP~~ STATION NAME ~~57-66~~ YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~1200-1400~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.9	36.7	36.8	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 20000	40.0	40.8	41.1	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 18000	40.1	41.0	41.2	41.4	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 16000	40.1	41.0	41.2	41.4	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 14000	41.2	42.1	42.3	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 12000	42.6	43.4	43.7	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 10000	43.9	44.8	45.0	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 9000	45.6	46.4	46.7	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 8000	49.9	51.3	51.7	52.1	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 7000	52.2	54.1	54.6	55.0	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 6000	52.4	54.4	54.9	55.3	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 5000	53.7	55.7	56.1	56.6	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 4500	54.1	56.2	56.7	57.1	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 4000	55.0	57.1	57.7	58.1	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9
≥ 3500	55.9	58.0	58.6	59.0	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9
≥ 3000	57.8	59.9	60.4	60.9	61.7	61.7	61.8	61.8	61.8	62.0	62.1	62.1	62.2	62.2	62.2	62.2
≥ 2500	60.1	62.2	63.0	63.4	64.3	64.3	64.4	64.4	64.4	64.7	64.9	64.9	65.0	65.0	65.0	65.0
≥ 2000	61.8	64.6	65.3	66.1	67.3	67.3	67.4	67.4	67.4	67.8	68.0	68.0	68.1	68.1	68.1	68.1
≥ 1800	62.4	65.6	66.3	67.1	68.6	68.6	68.7	68.7	68.7	69.0	69.2	69.2	69.3	69.3	69.3	69.3
≥ 1500	67.6	71.6	72.7	73.6	75.1	75.1	75.2	75.2	75.2	76.1	76.3	76.4	76.6	76.6	76.6	76.6
≥ 1200	70.4	75.2	76.6	77.4	79.1	79.1	79.4	79.4	79.4	80.7	81.0	81.1	81.3	81.3	81.3	81.3
≥ 1000	72.0	77.7	79.3	80.4	82.4	82.4	82.8	83.2	83.2	84.7	85.0	85.1	85.3	85.3	85.3	85.3
≥ 900	73.4	78.7	80.3	81.4	83.6	83.6	84.1	84.3	84.3	85.8	86.2	86.3	86.6	86.6	86.6	86.6
≥ 800	74.9	80.7	82.3	83.4	85.7	85.7	86.4	86.7	86.7	88.1	88.6	88.7	88.9	88.9	89.0	89.0
≥ 700	76.2	82.1	83.8	85.0	87.2	87.2	88.0	88.3	88.3	89.8	90.3	90.4	90.9	90.9	91.0	91.0
≥ 600	77.4	83.7	85.3	86.6	89.1	89.1	89.9	90.6	90.6	92.1	92.9	93.0	93.7	93.8	94.1	94.1
≥ 500	79.1	85.7	87.4	89.1	91.7	91.7	92.6	93.2	93.2	94.9	95.8	95.9	96.7	96.8	97.2	97.2
≥ 400	80.0	86.6	88.3	90.2	92.8	93.0	93.9	94.6	94.7	96.3	97.3	97.6	98.3	98.4	98.9	98.9
≥ 300	80.0	86.6	88.3	90.2	92.8	93.0	93.9	94.6	94.7	96.4	97.4	97.7	98.7	98.8	99.6	99.6
≥ 200	80.1	86.7	88.4	90.3	93.1	93.3	94.2	94.9	95.0	96.8	97.8	98.0	99.0	99.1	100.0	100.0
≥ 100	80.1	86.7	88.4	90.3	93.1	93.3	94.2	94.9	95.0	96.8	97.8	98.0	99.0	99.1	100.0	100.0
0	80.1	86.7	88.4	90.3	93.1	93.3	94.2	94.9	95.0	96.8	97.8	98.0	99.0	99.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

1 USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

24103 STATION — EAST SMITH ISLAND ART STATION NAME — 57-66 YEARS — NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200 (C.S.T.) 1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1⅞	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.7	36.9	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 20000	39.2	39.4	39.6	39.6	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 18000	39.2	39.4	39.6	39.6	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 16000	39.3	39.6	39.7	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 14000	40.7	40.9	41.0	41.0	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 12000	41.1	41.3	41.4	41.4	41.4	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 10000	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 9000	45.0	45.2	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 8000	50.1	50.6	50.8	50.8	50.8	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 7000	54.4	55.0	55.6	55.6	55.6	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 6000	54.3	55.0	55.6	55.6	55.6	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 5000	55.0	55.9	56.4	56.4	56.4	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 4500	55.8	56.8	57.4	57.4	57.4	57.4	57.6	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 4000	56.8	57.9	58.7	58.7	58.7	58.7	58.8	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 3500	58.0	59.1	59.9	59.9	60.0	60.0	60.1	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 3000	59.4	60.8	61.8	61.8	62.0	62.0	62.1	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 2500	60.7	62.2	63.3	63.4	63.7	63.7	63.8	63.9	63.9	64.2	64.3	64.3	64.3	64.3	64.3	64.3
≥ 2000	64.2	65.9	67.0	67.2	68.1	68.1	68.4	68.4	68.4	68.8	68.9	68.9	68.9	68.9	68.9	68.9
≥ 1800	65.3	67.0	68.2	68.7	69.6	69.6	69.9	70.0	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4
≥ 1500	69.8	71.6	72.8	73.3	74.3	74.3	75.0	75.1	75.2	75.6	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1200	73.6	76.3	77.6	78.3	79.4	79.6	80.2	80.3	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0
≥ 1000	76.3	79.6	80.8	81.9	83.0	83.1	83.8	84.0	84.1	84.6	84.9	84.9	85.1	85.2	85.2	85.2
≥ 900	78.0	81.3	82.6	83.7	84.9	85.0	85.8	86.0	86.1	86.7	87.1	87.1	87.4	87.6	87.6	87.6
≥ 800	79.2	82.7	83.9	85.0	86.2	86.3	87.6	87.8	87.9	88.6	89.2	89.3	89.8	89.9	89.9	89.9
≥ 700	80.3	83.9	85.1	86.2	87.6	87.7	89.0	89.3	89.4	90.1	90.8	90.9	91.3	91.4	91.4	91.4
≥ 600	81.6	85.2	86.4	87.8	89.1	89.2	90.6	91.0	91.1	91.8	92.4	92.6	93.7	93.9	93.9	93.9
≥ 500	83.9	87.9	89.7	91.0	92.6	92.7	94.0	94.4	94.6	95.4	96.1	96.2	97.3	97.6	97.6	97.6
≥ 400	84.3	88.3	90.1	91.4	93.0	93.1	94.4	94.9	95.0	95.9	96.6	96.7	98.0	98.2	98.2	98.2
≥ 300	84.8	88.8	90.7	92.0	93.6	93.7	95.0	95.4	95.6	96.6	97.2	97.3	99.2	99.4	99.4	99.8
≥ 200	84.8	88.8	90.7	92.0	93.6	93.7	95.0	95.6	95.7	96.7	97.3	97.4	99.3	99.6	99.9	99.9
≥ 100	84.8	88.8	90.7	92.0	93.6	93.7	95.0	95.6	95.7	96.7	97.3	97.4	99.3	99.6	100.0	100.0
≥ 0	84.8	88.8	90.7	92.0	93.6	93.7	95.0	95.6	95.7	96.7	97.3	97.4	99.3	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~24102~~ STATION ~~FORT SMITH MUNI AIRPORT~~ STATION NAME ~~57-66~~ YEARS ~~NOV~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~1400-2400~~

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.3	37.6	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 20000	37.3	37.6	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 18000	37.4	37.7	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 16000	37.9	38.1	38.2	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 14000	39.6	39.8	39.9	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 12000	39.9	40.1	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 10000	41.6	41.8	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 9000	42.1	42.3	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 8000	45.7	46.1	46.4	46.4	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7
≥ 7000	51.0	51.9	52.2	52.2	52.3	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8
≥ 6000	51.6	52.4	52.8	52.9	53.0	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.6	53.6	53.6	53.6
≥ 5000	52.0	53.8	54.2	54.3	54.4	54.6	54.9	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0
≥ 4500	52.6	53.8	54.3	54.4	54.6	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1
≥ 4000	54.0	55.2	56.3	56.4	56.6	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2
≥ 3500	55.6	56.8	57.9	58.0	58.3	58.6	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0
≥ 3000	57.4	58.9	60.0	60.1	60.6	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3
≥ 2500	58.3	59.9	61.1	61.7	62.2	62.4	63.0	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.2
≥ 2000	62.1	64.8	66.1	66.7	67.6	67.8	68.6	68.6	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8
≥ 1800	63.1	65.9	67.3	67.9	68.8	69.0	69.8	69.8	69.8	69.9	70.0	70.0	70.1	70.1	70.1	70.1
≥ 1500	66.3	69.7	71.2	71.9	72.9	73.2	74.2	74.2	74.2	74.3	74.6	74.6	74.7	74.7	74.7	74.7
≥ 1200	71.1	74.6	76.2	77.0	78.6	78.9	80.2	80.2	80.2	80.3	80.6	80.6	80.7	80.7	80.7	80.7
≥ 1000	75.6	79.4	81.2	82.0	83.7	84.1	85.6	85.6	85.6	85.7	86.2	86.2	86.3	86.3	86.3	86.3
≥ 900	76.8	80.9	82.8	83.8	85.6	86.0	87.7	87.7	87.7	88.1	88.7	88.7	88.8	88.8	88.8	88.8
≥ 800	78.3	82.7	84.6	85.6	87.4	87.9	89.6	89.6	89.6	90.0	90.6	90.6	90.8	90.8	90.8	90.8
≥ 700	79.2	83.7	85.6	86.8	88.7	89.1	90.8	90.8	90.9	91.3	91.9	91.9	92.1	92.1	92.1	92.1
≥ 600	81.7	86.1	88.0	89.2	91.1	91.6	93.3	93.3	93.4	94.0	94.6	94.6	94.9	94.9	94.9	94.9
≥ 500	83.6	88.3	90.7	91.9	93.8	94.2	96.0	96.0	96.2	96.7	97.2	97.2	97.6	97.6	97.6	97.6
≥ 400	84.4	89.2	91.7	93.0	94.9	95.3	97.1	97.1	97.3	97.8	98.3	98.3	98.7	98.7	98.7	98.7
≥ 300	84.7	89.4	91.9	93.2	95.1	95.6	97.3	97.3	97.6	98.1	98.7	98.7	99.0	99.0	99.1	99.1
≥ 200	84.7	89.4	92.0	93.3	95.2	95.7	97.4	97.4	97.7	98.2	98.8	98.8	99.6	99.6	99.7	99.7
≥ 100	84.7	89.4	92.0	93.3	95.2	95.7	97.4	97.4	97.7	98.2	98.8	98.9	99.6	99.6	99.9	100.0
0	84.7	89.4	92.0	93.3	95.2	95.7	97.4	97.4	97.7	98.2	98.8	98.9	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~2614~~ STATION NUMBER ~~FLINT BISHOP INTL AIRPORT~~ STATION NAME ~~57-66~~ YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~2100-2300~~ GMT (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.1	34.3	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 20000	35.3	35.6	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 18000	35.3	35.7	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 16000	35.3	35.7	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 14000	36.1	36.4	36.8	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 12000	36.9	37.2	37.6	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 10000	39.8	40.1	40.4	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 9000	42.0	42.7	43.0	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 8000	45.9	46.7	47.0	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 7000	49.7	50.8	51.2	51.7	52.1	52.1	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 6000	50.1	51.2	51.7	52.1	52.6	52.6	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 5000	50.7	52.1	52.6	53.0	53.4	53.4	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 4500	51.0	52.8	53.2	53.7	54.1	54.1	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 4000	51.9	53.8	54.6	55.0	55.7	55.8	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 3500	53.1	55.1	56.1	56.6	57.2	57.3	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 3000	55.3	57.9	58.9	59.3	60.0	60.1	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 2500	58.8	62.2	63.2	63.7	64.4	64.6	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 2000	62.0	65.9	67.1	67.6	68.8	68.9	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 1800	63.1	67.1	68.3	68.8	70.0	70.1	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 1500	66.2	70.7	72.4	73.0	74.3	74.4	75.3	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1200	70.4	75.6	77.4	78.2	79.7	80.0	81.0	81.9	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1000	73.2	78.6	80.8	81.7	83.2	83.7	84.9	85.8	85.8	86.2	86.3	86.3	86.3	86.3	86.3	86.3
≥ 900	73.8	79.1	81.3	82.2	83.8	84.2	85.4	86.3	86.3	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 800	75.8	81.1	83.3	84.2	85.8	86.2	87.6	88.4	88.4	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 700	77.4	82.8	85.0	85.9	87.4	87.9	89.2	90.1	90.1	90.8	90.9	90.9	90.9	90.9	90.9	90.9
≥ 600	80.0	85.4	87.7	88.8	90.3	90.8	92.1	93.0	93.0	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 500	82.1	87.8	90.2	91.3	92.9	93.3	94.7	95.6	95.6	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 400	83.3	89.1	91.6	92.7	94.2	94.7	96.0	96.9	96.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	83.4	89.2	91.8	92.9	94.4	94.9	96.2	97.2	97.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	84.0	89.9	92.4	93.6	95.2	95.7	97.0	98.0	98.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	84.0	89.9	92.4	93.6	95.2	95.7	97.0	98.0	98.0	99.3	99.4	99.4	99.7	99.7	99.9	100.0
≥ 0	84.0	89.9	92.4	93.6	95.2	95.7	97.0	98.0	98.0	99.3	99.4	99.4	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[redacted] STATION [redacted] STATION NAME 57-66 YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[redacted] TO [redacted]

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.7	48.4	48.4	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 20000	48.4	49.0	49.0	49.2	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 18000	48.4	49.0	49.0	49.2	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 16000	48.5	49.1	49.1	49.4	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 14000	50.2	50.9	50.9	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 12000	51.3	52.0	52.0	52.3	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 10000	54.9	55.9	55.9	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 9000	56.7	57.8	58.0	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 8000	60.4	61.6	61.8	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 7000	62.2	63.8	64.0	64.3	64.6	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 6000	62.8	64.6	64.8	65.2	65.5	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 5000	64.7	65.6	65.9	66.2	66.6	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 4500	64.1	66.0	66.3	66.7	67.3	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4000	65.7	67.8	68.1	68.6	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3500	66.6	68.8	69.2	69.6	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 3000	68.3	71.6	72.2	72.6	73.3	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 2500	69.7	73.0	73.9	74.5	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 2000	71.9	75.5	76.7	77.4	78.3	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 1800	72.5	76.0	77.2	78.0	78.8	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1500	74.3	78.2	79.5	80.3	81.5	81.6	82.0	82.0	82.0	82.0	82.2	82.2	82.3	82.3	82.3	82.3
≥ 1200	76.8	81.5	83.1	84.2	85.4	85.5	85.9	86.1	86.1	86.1	86.2	86.2	86.3	86.3	86.3	86.3
≥ 1000	78.6	83.0	85.5	86.8	88.2	88.3	88.8	89.0	89.0	89.0	89.1	89.1	89.2	89.2	89.2	89.2
≥ 900	79.7	84.9	86.7	88.0	89.4	89.6	90.1	90.3	90.3	90.4	90.5	90.5	90.6	90.6	90.6	90.6
≥ 800	81.2	86.7	88.4	89.7	91.1	91.3	91.8	92.0	92.0	92.2	92.3	92.3	92.4	92.4	92.4	92.4
≥ 700	82.0	87.7	89.6	90.9	92.3	92.5	93.1	93.3	93.3	93.7	93.8	93.8	93.9	93.9	93.9	93.9
≥ 600	83.2	89.2	91.1	92.5	93.9	94.2	95.1	95.3	95.3	95.6	95.7	95.7	95.8	95.8	95.9	95.9
≥ 500	84.3	90.0	91.8	93.2	94.6	94.9	95.8	96.0	96.0	96.5	96.7	96.7	96.8	96.8	96.9	96.9
≥ 400	85.3	91.0	92.8	94.2	95.6	95.9	96.8	97.0	97.0	97.6	97.8	97.8	98.0	98.0	98.1	98.1
≥ 300	86.0	91.7	93.5	94.9	96.3	96.7	97.5	97.7	97.7	98.4	98.6	98.6	99.0	99.0	99.1	99.1
≥ 200	86.0	91.7	93.5	94.9	96.3	96.7	97.5	97.7	97.7	98.4	98.6	98.6	99.2	99.2	99.4	99.4
≥ 100	86.0	91.7	93.5	94.9	96.3	96.7	97.5	97.8	97.8	98.5	98.7	98.7	99.4	99.4	99.5	99.5
≥ 0	86.0	91.7	93.5	94.9	96.3	96.7	97.5	97.8	97.8	98.5	98.7	98.7	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~24102~~ STATION ~~FLET SMITH NAT UNIT APT~~ STATION NAME ~~57-66~~ YEARS ~~DEC~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0100-0400~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.5	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.4
≥ 20000	48.7	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.8
≥ 18000	49.7	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.8
≥ 16000	49.7	50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.8
≥ 14000	51.7	52.0	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7	52.8
≥ 12000	53.1	53.7	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.4
≥ 10000	55.6	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.2
≥ 9000	57.3	58.2	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	59.0
≥ 8000	60.1	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.2
≥ 7000	62.8	64.4	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.7
≥ 6000	64.0	65.9	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.5
≥ 5000	64.4	66.5	67.6	67.7	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.3
≥ 4500	64.7	66.8	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.7
≥ 4000	66.4	68.5	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.6
≥ 3500	68.1	70.2	71.7	71.8	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.5
≥ 3000	69.1	71.6	73.3	73.7	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.4
≥ 2500	69.8	72.4	74.1	74.4	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.2
≥ 2000	71.9	74.9	77.1	77.5	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.5	78.5	78.5	78.6
≥ 1800	73.3	76.6	78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.3	80.3	80.3	80.4
≥ 1500	74.6	78.3	80.4	81.1	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.4	82.4	82.4	82.5
≥ 1200	77.2	81.3	83.7	84.5	85.5	85.5	85.6	85.6	85.6	85.7	85.8	85.9	86.1	86.1	86.1	86.2
≥ 1000	79.7	84.5	87.0	87.8	88.9	88.9	89.1	89.1	89.1	89.6	89.7	89.7	90.0	90.0	90.0	90.1
≥ 900	80.6	85.5	88.0	88.8	89.9	89.9	90.1	90.2	90.2	90.6	90.8	90.8	91.1	91.1	91.1	91.2
≥ 800	82.2	87.1	89.6	90.4	91.5	91.5	91.7	92.0	92.0	92.5	92.6	92.6	92.9	92.9	92.9	93.0
≥ 700	83.8	88.8	91.3	92.2	93.2	93.3	93.7	94.0	94.0	94.5	94.6	94.6	95.2	95.2	95.2	95.3
≥ 600	84.4	89.6	92.3	93.1	94.2	94.3	94.6	94.9	94.9	95.5	95.6	95.6	96.1	96.1	96.1	96.2
≥ 500	85.4	90.9	93.5	94.5	95.6	95.7	96.0	96.3	96.3	97.0	97.1	97.1	97.6	97.6	97.6	97.7
≥ 400	85.9	91.4	94.1	95.1	96.1	96.2	96.6	96.9	96.9	97.6	97.7	97.7	98.4	98.4	98.5	98.6
≥ 300	86.2	91.7	94.4	95.4	96.5	96.6	97.0	97.3	97.3	98.1	98.2	98.2	98.8	98.8	98.9	99.0
≥ 200	86.2	91.8	94.5	95.5	96.6	96.7	97.1	97.4	97.4	98.2	98.3	98.3	98.9	99.1	99.2	99.4
≥ 100	86.2	91.8	94.5	95.5	96.7	96.8	97.2	97.5	97.5	98.3	98.4	98.4	99.0	99.4	99.5	99.6
0	86.2	91.8	94.5	95.5	96.7	96.8	97.2	97.5	97.5	98.3	98.4	98.4	99.0	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS ~~910~~

1 USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~2g1w2~~ STATION ~~FORT SMITH NAT WSO ARPT~~ STATION NAME ~~57-66~~ YEARS ~~JFC~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0600-0800~~ GMT (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	48.0	48.1	48.1	48.2	48.2	48.2	48.4	48.4	48.4	48.4	48.5	48.5	48.6	48.6	48.6	48.6
	49.0	49.1	49.1	49.2	49.2	49.2	49.5	49.5	49.5	49.5	49.6	49.6	49.7	49.7	49.7	49.7
≥ 18000	49.0	49.1	49.1	49.2	49.2	49.2	49.5	49.5	49.5	49.5	49.6	49.6	49.7	49.7	49.7	49.7
≥ 16000	49.2	49.4	49.4	49.5	49.5	49.5	49.7	49.7	49.7	49.7	49.8	49.8	49.9	49.9	49.9	49.9
≥ 14000	50.9	51.0	51.0	51.1	51.1	51.1	51.3	51.3	51.3	51.3	51.4	51.4	51.5	51.5	51.5	51.5
≥ 12000	52.9	53.0	53.0	53.1	53.1	53.1	53.3	53.3	53.3	53.3	53.4	53.4	53.5	53.5	53.5	53.5
≥ 10000	55.3	55.6	55.6	55.7	55.7	55.7	55.9	55.9	55.9	55.9	56.0	56.0	56.1	56.1	56.1	56.1
≥ 9000	58.1	58.4	58.4	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.8	58.8	58.9	58.9	58.9	58.9
≥ 8000	61.0	61.3	61.3	61.4	61.4	61.5	61.7	61.7	61.7	61.7	61.8	61.8	61.9	61.9	61.9	61.9
≥ 7000	64.7	65.4	65.4	65.6	65.7	65.8	66.1	66.1	66.1	66.1	66.2	66.2	66.3	66.3	66.3	66.3
≥ 6000	65.2	65.8	66.0	66.2	66.5	66.6	66.9	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.1
≥ 5000	66.1	67.0	67.2	67.4	67.8	68.0	68.4	68.3	68.3	68.3	68.4	68.4	68.5	68.5	68.5	68.5
≥ 4500	66.9	68.0	68.3	68.5	68.9	69.0	69.4	69.4	69.4	69.4	69.5	69.5	69.6	69.6	69.6	69.6
≥ 4000	68.8	70.0	70.3	70.8	71.2	71.3	71.6	71.6	71.6	71.6	71.7	71.7	71.8	71.8	71.8	71.8
≥ 3500	69.2	70.4	71.1	71.3	71.7	71.8	72.2	72.2	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4
≥ 3000	70.2	71.5	72.4	73.0	73.4	73.5	73.9	73.9	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.1
≥ 2500	71.2	72.6	73.4	74.1	74.5	74.6	74.9	74.9	74.9	74.9	75.1	75.1	75.2	75.2	75.2	75.2
≥ 2000	74.1	74.8	75.7	76.3	76.8	76.9	77.2	77.2	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.4
≥ 1800	74.2	74.1	77.0	77.8	78.4	78.5	78.8	78.8	78.8	78.8	78.9	78.9	79.0	79.0	79.0	79.0
≥ 1500	77.2	79.5	80.3	81.2	81.7	81.8	82.4	82.4	82.4	82.4	82.6	82.6	82.7	82.7	82.7	82.7
≥ 1200	80.6	83.2	84.1	85.1	85.8	85.9	86.5	86.5	86.5	86.5	86.7	86.7	87.1	87.1	87.1	87.1
≥ 1000	82.9	85.5	86.3	87.4	88.3	88.4	88.9	88.9	88.9	88.9	89.1	89.1	89.6	89.6	89.6	89.6
≥ 900	84.0	86.7	87.5	88.6	89.5	89.6	90.1	90.1	90.1	90.1	90.3	90.3	90.8	90.8	90.8	90.8
≥ 800	84.8	87.5	88.4	89.5	90.3	90.4	91.2	91.3	91.3	91.3	91.7	91.7	92.2	92.2	92.2	92.2
≥ 700	86.1	88.9	89.8	91.0	91.8	91.9	92.7	92.8	92.8	93.1	93.5	93.5	94.0	94.0	94.0	94.0
≥ 600	86.2	89.0	90.0	91.3	92.6	92.7	93.5	93.7	93.7	94.1	94.5	94.5	94.9	94.9	94.9	94.9
≥ 500	87.3	90.2	91.3	92.6	94.1	94.2	95.2	95.3	95.3	95.8	96.2	96.2	96.7	96.7	96.7	96.7
≥ 400	87.7	91.0	92.0	93.3	94.9	95.1	96.0	96.1	96.1	96.9	97.3	97.3	98.0	98.0	98.2	98.2
≥ 300	88.2	91.4	92.6	93.9	95.7	95.8	96.8	96.9	96.9	98.0	98.5	98.6	99.2	99.2	99.3	99.3
≥ 200	88.2	91.4	92.6	93.9	95.7	95.8	96.8	96.9	96.9	98.0	98.5	98.6	99.2	99.4	99.6	99.6
≥ 100	88.2	91.4	92.6	93.9	95.7	95.8	96.8	96.9	96.9	98.0	98.5	98.6	99.4	99.5	99.8	99.9
0	88.2	91.4	92.6	93.9	95.7	95.8	96.8	96.9	96.9	98.0	98.5	98.6	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 940

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

~~72102~~ SYNOPTIC ~~FORT SMITH MKT DOT APT~~ STATION NAME ~~57-66~~ YEARS ~~DEC~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0000-1100~~ HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.5	43.0	43.2	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 20000	43.8	44.4	44.6	44.7	44.8	44.8	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2
≥ 18000	44.0	44.6	44.8	44.9	45.1	45.1	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4
≥ 16000	44.1	44.7	44.9	45.1	45.2	45.2	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5
≥ 14000	45.2	45.8	46.0	46.1	46.2	46.2	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6
≥ 12000	45.8	46.7	46.9	47.0	47.1	47.1	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4
≥ 10000	49.2	50.4	50.6	50.8	50.9	50.9	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2
≥ 9000	53.1	54.4	54.6	54.7	54.8	54.8	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.3	55.3
≥ 8000	58.2	59.8	60.1	60.2	60.3	60.3	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.8	60.8
≥ 7000	62.7	64.6	64.9	65.1	65.3	65.3	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.7	65.7
≥ 6000	63.8	65.7	66.0	66.1	66.3	66.3	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.8	66.8
≥ 5000	64.3	66.5	66.8	66.9	67.1	67.1	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.5	67.5
≥ 4500	64.8	67.0	67.3	67.4	67.6	67.6	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.1	68.1
≥ 4000	66.1	68.5	68.8	68.9	69.2	69.2	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.8	69.8
≥ 3500	66.5	68.8	69.4	69.7	70.2	70.2	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.8	70.8
≥ 3000	68.0	70.4	71.0	71.5	72.0	72.0	72.4	72.4	72.4	72.4	72.5	72.5	72.7	72.7	72.8	72.8
≥ 2500	69.4	71.9	72.5	73.1	73.9	73.9	74.4	74.4	74.4	74.4	74.5	74.5	74.7	74.7	74.8	74.8
≥ 2000	71.0	73.8	74.4	75.1	76.0	76.0	76.6	76.6	76.6	76.6	76.7	76.7	76.9	76.9	77.0	77.0
≥ 1800	71.7	74.7	75.4	76.1	77.2	77.2	77.8	77.8	77.8	77.8	78.0	78.0	78.2	78.2	78.3	78.3
≥ 1500	74.0	77.5	78.2	78.9	80.1	80.1	80.9	81.0	81.0	81.1	81.2	81.2	81.5	81.6	81.8	81.8
≥ 1200	76.8	80.6	81.3	82.0	83.7	83.7	84.4	84.5	84.5	84.6	84.9	84.9	85.3	85.4	85.6	85.6
≥ 1000	78.6	82.8	83.7	84.4	86.1	86.1	87.1	87.2	87.2	87.3	87.6	87.6	88.0	88.3	88.8	88.8
≥ 900	79.2	83.4	84.3	85.1	86.8	86.8	87.7	87.8	87.8	88.1	88.4	88.4	88.7	89.0	89.6	89.6
≥ 800	79.9	84.3	85.3	86.2	88.1	88.1	89.0	89.1	89.1	89.6	90.1	90.1	90.5	90.9	91.4	91.4
≥ 700	81.2	86.1	87.1	88.2	90.1	90.1	91.1	91.2	91.2	91.6	92.3	92.3	92.8	93.1	93.7	93.7
≥ 600	81.8	87.0	88.0	89.1	91.2	91.3	92.7	92.8	92.8	93.2	93.9	93.9	94.5	94.8	95.4	95.4
≥ 500	82.6	87.8	88.8	90.0	92.2	92.3	94.2	94.4	94.4	94.8	95.6	95.6	96.2	96.7	97.2	97.2
≥ 400	83.0	88.4	89.4	90.5	92.7	92.8	94.8	95.1	95.1	95.5	96.3	96.3	97.1	97.5	98.4	98.4
≥ 300	83.3	88.7	89.7	90.9	93.1	93.2	95.3	95.5	95.5	96.1	97.1	97.1	97.8	98.3	99.1	99.1
≥ 200	83.3	88.7	89.7	90.9	93.1	93.2	95.3	95.5	95.5	96.1	97.1	97.1	98.0	98.4	99.5	99.5
≥ 100	83.3	88.7	89.7	90.9	93.1	93.2	95.3	95.5	95.5	96.1	97.1	97.1	98.1	98.5	99.6	99.9
0	83.3	88.7	89.7	90.9	93.1	93.2	95.4	95.5	95.5	96.1	97.1	97.1	98.1	98.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS ~~960~~

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

24102 STATION — FORT SMITH ARPT, UNIT ARPT STATION NAME — 57-66 YEARS — JFL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	40.8	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.6	41.6
≥ 20000	44.6	45.2	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.8	45.8	45.8	45.8
≥ 18000	44.6	45.2	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.8	45.8	45.8	45.8
≥ 16000	45.3	45.8	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.5	46.5	46.5	46.5
≥ 14000	45.6	46.1	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.8	46.8	46.8	46.8
≥ 12000	46.6	47.2	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.8	47.8	47.8	47.8
≥ 10000	49.8	50.8	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.5	51.5	51.5
≥ 9000	54.4	55.2	55.5	55.6	55.8	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.5	56.5	56.5	56.5
≥ 8000	59.2	61.1	61.5	61.8	62.2	62.3	62.6	62.8	62.8	62.9	63.0	63.0	63.2	63.2	63.2	63.2
≥ 7000	61.7	64.0	64.5	64.8	65.2	65.3	65.7	65.9	65.9	66.3	66.5	66.5	66.7	66.7	66.7	66.7
≥ 6000	62.5	64.7	65.3	65.6	65.9	66.0	66.5	66.7	66.7	67.1	67.2	67.2	67.4	67.4	67.4	67.4
≥ 5000	63.3	65.7	66.2	66.7	67.0	67.1	67.5	67.7	67.7	68.2	68.3	68.3	68.5	68.5	68.5	68.5
≥ 4500	63.3	65.7	66.2	66.7	67.0	67.1	67.6	67.8	67.8	68.3	68.4	68.4	68.6	68.6	68.6	68.6
≥ 4000	64.2	66.9	67.5	68.0	68.4	68.5	69.0	69.2	69.2	69.8	69.9	69.9	70.1	70.1	70.1	70.1
≥ 3500	64.7	67.6	68.3	68.7	69.2	69.4	70.0	70.2	70.2	70.8	70.9	70.9	71.1	71.1	71.1	71.1
≥ 3000	65.6	68.6	69.5	70.0	70.6	70.8	71.5	71.7	71.7	72.3	72.5	72.5	72.9	72.9	72.9	72.9
≥ 2500	66.9	70.0	71.0	71.5	72.4	72.5	73.2	73.4	73.4	74.2	74.4	74.4	74.9	74.9	74.9	74.9
≥ 2000	68.4	72.3	73.3	74.3	75.5	75.6	76.3	76.7	76.7	77.5	77.8	77.8	78.4	78.4	78.4	78.4
≥ 1800	68.4	72.6	73.7	74.7	75.9	76.0	76.8	77.1	77.1	78.0	78.3	78.4	78.9	78.9	78.9	78.9
≥ 1500	70.5	74.8	76.0	77.2	78.5	78.6	79.4	79.8	79.8	81.2	81.7	81.8	82.5	82.5	82.5	82.5
≥ 1200	76.0	77.1	78.4	79.8	81.2	81.3	82.3	82.7	82.7	84.8	85.4	85.5	86.1	86.1	86.1	86.1
≥ 1000	73.9	79.2	80.5	81.9	83.5	83.7	84.6	85.1	85.1	87.4	88.1	88.3	88.9	88.9	89.1	89.1
≥ 900	74.9	80.4	81.7	83.1	84.8	84.9	85.9	86.3	86.3	88.7	89.4	89.6	90.2	90.2	90.4	90.4
≥ 800	76.1	81.9	83.2	84.8	86.7	86.8	87.7	88.2	88.2	90.6	91.4	91.7	92.4	92.6	92.9	92.9
≥ 700	76.7	82.5	83.8	85.5	87.4	87.5	88.5	88.9	88.9	91.4	92.3	92.6	93.3	93.5	93.9	93.9
≥ 600	77.5	83.3	84.6	86.5	88.4	88.5	89.5	89.9	89.9	92.4	93.2	93.5	94.6	94.8	95.2	95.2
≥ 500	78.6	84.9	86.2	88.1	90.1	90.2	91.4	91.8	91.8	94.4	95.3	95.7	97.0	97.2	97.5	97.5
≥ 400	79.4	85.7	87.1	88.9	91.0	91.1	92.3	92.7	92.7	95.3	96.2	96.7	98.1	98.4	98.7	98.7
≥ 300	79.5	86.0	87.4	89.2	91.4	91.5	92.8	93.2	93.2	95.8	96.9	97.3	98.7	99.2	99.7	99.7
≥ 200	79.5	86.0	87.4	89.2	91.5	91.6	92.9	93.3	93.3	96.0	97.1	97.6	99.0	99.6	100.0	100.0
≥ 100	79.5	86.0	87.4	89.2	91.5	91.6	92.9	93.3	93.3	96.0	97.1	97.6	99.0	99.6	100.0	100.0
≥ 0	79.5	86.0	87.4	89.2	91.5	91.6	92.9	93.3	93.3	96.0	97.1	97.6	99.0	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | FORT SMITH MUNICIPAL AIRPORT STATION NAME | 57-66 YEARS | EC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	38.9	39.1	39.1	39.1	39.2	39.2	39.2	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 20000	42.8	43.1	43.1	43.1	43.2	43.2	43.3	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 18000	42.9	43.2	43.2	43.2	43.3	43.3	43.4	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 16000	43.2	43.5	43.5	43.5	43.7	43.7	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 14000	43.9	44.2	44.2	44.2	44.3	44.3	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 12000	44.4	44.7	44.7	44.7	44.8	44.8	44.9	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 10000	47.8	48.4	48.4	48.4	48.6	48.6	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 9000	51.0	51.8	51.8	52.0	52.4	52.4	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 8000	55.5	56.9	57.1	57.3	58.0	58.0	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 7000	59.0	60.8	61.0	61.2	61.9	61.9	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 6000	60.3	62.0	62.3	62.5	63.2	63.3	63.8	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 5000	62.3	64.0	64.2	64.4	65.2	65.3	65.7	66.1	66.1	66.2	66.6	66.6	66.6	66.6	66.6	66.6
≥ 4500	62.9	64.6	64.8	65.1	65.8	65.9	66.3	66.8	66.8	66.9	67.2	67.2	67.2	67.2	67.2	67.2
≥ 4000	64.2	66.2	66.5	66.7	67.5	67.6	68.1	68.5	68.5	68.8	69.1	69.1	69.1	69.1	69.1	69.1
≥ 3500	65.2	67.2	67.4	67.6	68.5	68.6	69.0	69.5	69.5	69.8	70.1	70.1	70.1	70.1	70.1	70.1
≥ 3000	66.1	68.3	68.5	68.9	70.0	70.1	70.5	71.1	71.1	71.4	71.7	71.7	71.7	71.7	71.7	71.7
≥ 2500	67.8	70.4	70.6	71.1	72.3	72.4	72.9	73.5	73.5	73.9	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2000	71.9	74.8	75.3	75.8	77.3	77.4	78.0	78.6	78.6	79.1	79.6	79.6	79.6	79.7	79.7	79.7
≥ 1800	72.3	75.2	75.6	76.1	77.6	77.7	78.3	79.0	79.0	79.7	80.1	80.1	80.2	80.3	80.3	80.3
≥ 1500	74.4	77.8	78.4	79.0	80.5	80.8	81.5	82.4	82.4	83.5	84.1	84.1	84.2	84.3	84.3	84.3
≥ 1200	76.5	80.5	81.3	82.0	83.8	84.0	84.7	85.6	85.6	86.9	87.4	87.4	87.5	87.6	87.7	87.7
≥ 1000	78.2	82.6	83.4	84.4	86.5	86.7	87.5	88.5	88.5	90.1	90.8	90.8	91.1	91.2	91.4	91.4
≥ 900	79.0	83.4	84.4	85.4	87.4	87.6	88.7	89.7	89.7	91.3	91.9	91.9	92.3	92.4	92.6	92.6
≥ 800	80.2	84.7	85.7	86.7	88.7	88.9	90.0	91.0	91.0	92.6	93.2	93.2	93.5	93.7	94.2	94.2
≥ 700	80.6	85.3	86.2	87.2	89.2	89.5	90.5	91.5	91.5	93.1	93.8	93.8	94.2	94.3	94.8	94.8
≥ 600	81.6	86.2	87.2	88.2	90.2	90.4	91.2	92.5	92.5	94.1	94.8	94.8	95.4	95.5	96.0	96.1
≥ 500	83.0	87.6	88.6	89.7	91.8	92.0	93.2	94.2	94.2	95.8	96.8	96.8	97.4	97.6	98.2	98.3
≥ 400	83.0	87.6	88.7	89.8	91.9	92.2	93.3	94.4	94.4	96.0	97.1	97.1	97.7	98.0	98.5	98.6
≥ 300	83.2	87.8	88.9	90.0	92.2	92.4	93.5	94.6	94.6	96.3	97.7	97.7	98.5	98.8	99.5	99.6
≥ 200	83.2	87.8	88.9	90.0	92.2	92.4	93.5	94.6	94.6	96.3	97.7	97.7	98.6	98.9	99.6	99.7
≥ 100	83.2	87.8	88.9	90.0	92.2	92.4	93.5	94.6	94.6	96.3	97.7	97.7	98.6	98.9	99.6	99.8
0	83.2	87.8	88.9	90.0	92.2	92.4	93.5	94.6	94.6	96.3	97.7	97.7	98.6	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 240

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

~~2815~~ STATION ~~FORT SMITH MUNI, ARPT~~ STATION NAME ~~57-66~~ YEARS ~~LST~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~1800-2000~~ (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.9	46.3	46.6	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.8	47.8	47.8	47.8
≥ 20000	47.2	47.6	47.8	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.7	48.7	49.1	49.1	49.1	49.1
≥ 18000	47.2	47.6	47.8	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.7	48.7	49.1	49.1	49.1	49.1
≥ 16000	47.6	48.1	48.3	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.6	49.6	49.6	49.6
≥ 14000	48.3	48.7	48.9	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	50.2	50.2	50.2	50.2
≥ 12000	49.2	49.7	49.9	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.8	50.8	51.2	51.2	51.2	51.2
≥ 10000	53.5	54.1	54.3	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.6	55.6	55.6	55.6
≥ 9000	54.4	55.1	55.3	56.1	56.4	56.3	56.5	56.5	56.5	56.5	56.6	56.6	57.0	57.0	57.0	57.0
≥ 8000	57.3	58.0	58.4	59.4	59.6	59.6	59.7	59.7	59.7	59.7	59.8	59.8	60.2	60.2	60.2	60.2
≥ 7000	60.2	60.9	61.6	62.6	62.9	62.9	63.0	63.0	63.0	63.0	63.1	63.1	63.5	63.5	63.5	63.5
≥ 6000	61.2	61.9	62.8	63.9	64.4	64.4	64.5	64.5	64.5	64.5	64.6	64.6	65.1	65.1	65.1	65.1
≥ 5000	62.9	64.4	65.3	66.3	66.9	66.9	67.0	67.0	67.0	67.0	67.3	67.3	67.7	67.7	67.7	67.7
≥ 4500	63.7	65.3	66.1	67.2	67.7	67.7	67.8	67.8	67.8	67.8	68.2	68.2	68.6	68.6	68.6	68.6
≥ 4000	65.7	67.4	68.3	69.6	69.9	69.9	70.0	70.0	70.0	70.0	70.3	70.3	70.8	70.8	70.8	70.8
≥ 3500	66.7	68.6	69.6	70.6	71.3	71.3	71.4	71.4	71.4	71.4	71.8	71.8	72.3	72.3	72.3	72.3
≥ 3000	68.2	70.2	71.3	72.5	73.3	73.3	73.4	73.4	73.4	73.4	73.9	73.9	74.3	74.3	74.3	74.3
≥ 2500	70.1	72.6	73.7	74.8	75.8	75.8	75.9	76.0	76.0	76.0	76.5	76.5	76.9	76.9	76.9	76.9
≥ 2000	72.0	74.9	76.1	77.4	78.5	78.5	78.7	78.8	78.8	78.8	79.2	79.2	79.7	79.8	79.8	79.8
≥ 1800	72.6	75.5	76.8	78.3	79.7	79.7	79.9	80.0	80.0	80.0	80.4	80.4	80.9	81.0	81.0	81.0
≥ 1500	75.1	78.6	80.0	81.6	83.0	83.0	83.4	83.7	83.7	83.7	84.1	84.1	84.5	84.6	84.6	84.6
≥ 1200	76.8	80.5	82.2	83.8	85.3	85.3	85.9	86.2	86.2	86.3	86.8	86.8	87.3	87.5	87.5	87.5
≥ 1000	78.9	82.8	84.4	86.0	87.8	88.1	88.7	89.1	89.1	89.6	90.0	90.0	90.5	90.8	90.8	90.8
≥ 900	79.9	83.8	85.5	87.1	88.9	89.1	89.8	90.2	90.2	90.6	91.1	91.1	91.6	91.8	91.8	91.8
≥ 800	81.0	84.9	86.7	88.3	90.1	90.3	91.0	91.4	91.4	91.8	92.3	92.3	92.8	93.0	93.0	93.0
≥ 700	81.9	86.0	87.8	89.5	91.3	91.5	92.2	92.6	92.6	93.0	93.4	93.4	94.0	94.2	94.2	94.2
≥ 600	83.2	87.3	89.1	90.9	92.9	93.1	93.8	94.2	94.2	94.6	95.1	95.1	95.7	95.9	95.9	95.9
≥ 500	84.5	88.6	90.5	92.3	94.3	94.5	95.2	95.6	95.6	96.0	96.7	96.7	97.3	97.5	97.5	97.5
≥ 400	85.4	89.6	91.5	93.2	95.3	95.5	96.1	96.6	96.6	97.0	97.6	97.6	98.4	98.6	98.6	98.6
≥ 300	85.5	89.8	91.7	93.4	95.5	95.7	96.5	96.9	96.9	97.3	98.1	98.1	98.8	99.0	99.0	99.0
≥ 200	85.9	90.0	91.9	93.7	95.8	96.0	96.8	97.2	97.2	97.6	98.4	98.4	99.1	99.4	99.4	99.4
≥ 100	85.6	90.0	91.9	93.7	95.8	96.0	96.8	97.2	97.2	98.0	98.7	98.7	99.5	99.7	99.8	99.8
0	85.6	90.0	91.9	93.7	95.8	96.0	96.8	97.2	97.2	98.0	98.7	98.7	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 9 60

USAF ETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
FIELD SEAT OF THE VICE/VAC

CEILING VERSUS VISIBILITY

~~20102~~ STATION ~~[illegible] AIR PORT~~ STATION NAME ~~57-66~~ YEARS ~~DEC~~ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~2100 thru 2400~~

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.0	47.6	47.6	48.1	48.3	48.3	48.3	48.3	48.3	48.5	48.5	48.5	48.6	48.6	48.6	48.6
≥ 20000	48.2	48.8	48.8	49.2	49.5	49.5	49.5	49.5	49.5	49.7	49.7	49.7	49.8	49.8	49.8	49.8
≥ 18000	48.2	48.8	48.8	49.2	49.5	49.5	49.5	49.5	49.5	49.7	49.7	49.7	49.8	49.8	49.8	49.8
≥ 16000	48.4	48.8	48.8	49.2	49.5	49.5	49.5	49.5	49.5	49.7	49.7	49.7	49.8	49.8	49.8	49.8
≥ 14000	49.6	49.7	49.7	50.1	50.3	50.3	50.3	50.3	50.3	50.5	50.5	50.5	50.6	50.6	50.6	50.6
≥ 12000	50.8	51.0	51.0	51.4	51.6	51.6	51.6	51.6	51.6	51.8	51.8	51.8	51.9	51.9	51.9	51.9
≥ 10000	54.8	54.9	54.9	55.4	55.6	55.6	55.6	55.6	55.6	55.8	55.8	55.8	55.9	55.9	55.9	55.9
≥ 9000	56.5	57.3	57.6	58.1	58.6	58.6	58.6	58.6	58.6	58.8	58.8	58.8	58.9	58.9	58.9	58.9
≥ 8000	59.4	60.2	60.5	61.0	61.5	61.5	61.6	61.6	61.6	61.8	61.8	61.8	61.9	61.9	61.9	61.9
≥ 7000	61.1	62.0	62.4	62.8	63.7	63.7	63.8	63.8	63.8	64.0	64.0	64.0	64.1	64.1	64.1	64.1
≥ 6000	61.8	63.1	63.4	63.9	64.7	64.7	64.8	64.8	64.8	65.1	65.1	65.1	65.2	65.2	65.2	65.2
≥ 5000	63.4	65.3	65.6	66.0	66.9	66.9	67.0	67.0	67.0	67.2	67.2	67.2	67.4	67.4	67.4	67.4
≥ 4500	63.8	65.8	66.1	66.6	67.5	67.5	67.6	67.6	67.6	67.8	67.8	67.8	68.1	68.1	68.1	68.1
≥ 4000	63.9	65.9	66.3	66.8	67.7	67.7	67.9	67.9	67.9	68.1	68.1	68.1	68.3	68.3	68.3	68.3
≥ 3500	67.0	69.1	69.5	69.9	70.9	70.9	71.1	71.1	71.1	71.3	71.3	71.3	71.5	71.5	71.5	71.5
≥ 3000	68.3	71.1	71.6	72.3	73.2	73.2	73.5	73.5	73.5	73.8	73.8	73.8	74.1	74.1	74.1	74.1
≥ 2500	69.1	72.4	73.0	73.8	74.9	74.9	75.4	75.4	75.4	75.6	75.6	75.6	75.9	75.9	75.9	75.9
≥ 2000	71.0	74.6	75.5	76.2	77.6	77.6	78.1	78.1	78.1	78.3	78.3	78.3	78.6	78.6	78.6	78.6
≥ 1800	71.7	75.5	76.3	77.2	78.6	78.6	79.1	79.1	79.1	79.4	79.5	79.5	79.8	79.8	79.8	79.8
≥ 1500	74.3	77.2	79.0	80.0	81.5	81.5	82.2	82.4	82.4	82.6	82.7	82.7	83.0	83.0	83.0	83.0
≥ 1200	77.3	81.4	82.6	83.7	85.3	85.3	85.9	86.2	86.2	86.7	86.8	86.8	87.1	87.1	87.1	87.1
≥ 1000	79.1	83.2	84.4	85.6	87.3	87.3	88.0	88.3	88.3	88.8	88.9	88.9	89.2	89.2	89.2	89.2
≥ 900	80.1	84.3	85.6	86.8	88.5	88.5	89.2	89.7	89.7	90.2	90.3	90.3	90.6	90.6	90.6	90.6
≥ 800	81.4	85.5	86.8	88.0	89.7	89.7	90.4	90.9	90.9	91.4	91.5	91.5	91.8	91.8	91.8	91.8
≥ 700	82.0	86.3	87.6	88.8	90.5	90.5	91.4	91.8	91.8	92.4	92.5	92.5	92.9	92.9	92.9	92.9
≥ 600	83.0	87.3	88.6	89.8	91.5	91.5	92.4	92.8	92.8	93.3	93.5	93.5	94.2	94.2	94.2	94.2
≥ 500	94.0	88.5	89.9	91.1	92.9	92.9	94.0	94.4	94.4	95.1	95.4	95.4	96.0	96.0	96.0	96.0
≥ 400	94.2	89.9	91.4	92.6	94.4	94.4	95.5	95.9	95.9	96.6	96.9	96.9	97.7	97.7	97.7	97.7
≥ 300	95.6	90.4	91.9	93.1	94.9	94.9	96.0	96.5	96.5	97.4	97.7	97.8	98.7	98.7	98.7	98.7
≥ 200	95.8	90.5	92.0	93.2	95.1	95.1	96.1	96.6	96.6	97.8	98.1	98.4	99.4	99.4	99.4	99.4
≥ 100	95.8	90.5	92.0	93.3	95.2	95.2	96.3	96.8	96.8	98.3	98.7	98.8	99.8	99.8	99.8	99.8
0	95.8	90.5	92.0	93.3	95.2	95.2	96.3	96.8	96.8	98.3	98.7	98.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 240

USAF ETAC FORM JUL 68 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART D SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.

2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

26102	FORT SMITH NWT DOT APT	57-66	ALL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	25.2	6.6	6.4	4.1	3.0	2.5	3.2	3.7	5.0	6.7	33.7	5.4	7435
FEB		25.0	8.2	6.2	4.3	2.7	2.8	2.8	3.8	4.8	7.9	31.5	5.3	6768
MAR		24.2	8.1	6.3	4.7	3.7	2.8	3.1	3.7	5.1	8.1	30.2	5.2	7440
APR		16.9	9.3	7.4	5.1	3.9	4.2	3.8	5.3	7.0	9.6	27.6	5.5	7200
MAY		8.6	9.3	7.7	6.1	5.0	5.1	4.9	6.8	8.8	15.5	22.3	6.0	7440
JUN		4.9	9.7	8.2	6.6	5.6	5.6	6.0	8.3	10.8	16.3	18.0	6.0	7200
JUL		2.9	8.2	7.8	7.4	6.3	6.8	6.7	9.3	11.9	15.9	16.7	6.2	7440
AUG		6.6	8.4	7.5	7.5	6.4	6.0	6.0	7.7	10.3	14.7	19.0	6.0	7440
SEP		9.3	6.5	5.9	4.8	4.2	4.2	3.9	5.4	8.2	13.6	34.1	6.6	7200
OCT		8.4	5.2	5.0	4.3	3.3	2.9	3.0	4.2	6.2	13.2	44.2	7.2	7440
NOV		9.8	4.3	4.0	3.3	3.0	2.4	2.8	3.5	5.3	9.3	52.5	7.4	7200
DEC		16.2	6.6	5.2	3.7	3.4	3.0	2.9	3.7	4.9	9.0	41.5	6.4	7440
TOTALS		13.2	7.5	6.5	5.2	4.2	4.0	4.1	5.5	7.4	11.7	30.9	6.1	87643

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SKY COVER

26102 (STATION) FORT SMITH NWT OUT APT (STATION NAME) 57-66 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	36.9	5.3	5.3	3.3	2.0	1.3	2.5	3.9	3.0	2.5	34.1	4.7	930
	03-05	37.4	4.1	4.5	3.7	2.7	2.2	3.0	4.2	2.8	2.7	32.7	4.7	927
	06-08	30.0	5.4	5.4	4.0	3.0	3.1	2.7	3.3	5.2	5.4	32.5	5.1	928
	09-11	13.7	6.9	8.0	4.8	3.8	3.2	3.3	3.5	6.6	11.7	34.5	6.2	930
	12-14	14.0	7.0	5.3	4.4	3.8	2.7	4.7	5.4	6.6	12.3	34.0	6.3	930
	15-17	11.4	9.7	9.2	5.5	3.7	2.6	3.5	4.2	6.6	10.3	33.3	6.0	930
	18-20	23.9	9.1	7.8	4.5	2.5	2.4	3.8	2.8	5.1	4.5	33.7	5.2	930
	21-23	34.2	4.9	5.7	2.8	2.8	2.3	2.4	2.6	4.1	3.8	34.5	4.9	930
	TOTALS	25.2	6.6	6.4	4.1	3.0	2.5	3.2	3.7	5.0	6.7	33.7	5.4	7435

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26102	FORT SMITH NWT DOT APT	57-66	FEB
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS O SKY COV	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	38.9	4.7	4.7	3.8	2.5	2.2	2.0	2.5	2.6	5.2	30.9	4.5	846
	03-05	37.8	4.7	5.2	2.4	2.6	1.8	1.8	1.2	3.7	4.7	34.[illegible]	4.7	846
	06-08	24.8	8.3	5.9	4.1	2.7	3.9	2.0	3.5	4.1	7.2	33.3	5.3	846
	09-11	14.8	9.9	5.9	5.3	2.8	3.3	2.7	4.3	6.7	9.5	34.8	6.0	846
	12-14	14.8	8.4	6.0	6.0	3.7	3.5	2.8	4.8	7.1	12.2	30.6	5.[illegible]	846
	15-17	12.9	12.8	7.3	4.0	2.6	3.4	4.5	6.3	6.3	10.6	29.3	5.8	846
	18-20	19.6	10.8	9.1	5.8	3.2	2.2	3.3	4.4	4.8	7.9	28.8	5.2	846
	21-23	36.4	5.8	5.1	3.3	1.8	2.1	3.2	3.2	3.3	6.0	29.8	4.6	846
TOTALS		25.0	8.2	6.2	4.3	2.7	2.8	2.8	3.8	4.8	7.9	31.5	5.3	6768

USAF ETAC FORM JUL 64 0-9-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SKY COVER

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (PERIOD) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	40.8	5.3	4.2	3.8	2.6	1.2	2.7	1.6	2.7	3.7	31.6	4.4	930
	03-05	38.7	4.6	4.8	3.7	3.1	2.5	1.9	2.0	2.5	3.5	32.6	4.5	930
	06-08	18.3	8.9	5.2	3.9	3.0	2.7	2.8	4.7	6.8	8.9	34.8	5.9	930
	09-11	15.1	9.0	6.6	5.2	4.1	3.0	3.5	5.4	6.8	11.6	29.8	5.8	930
	12-14	15.7	9.0	7.6	5.6	4.4	3.8	3.8	4.5	7.2	9.8	28.6	5.6	930
	15-17	13.9	9.6	7.0	6.6	4.7	3.4	4.6	3.8	6.6	12.6	27.3	5.7	930
	18-20	13.8	12.4	9.8	5.2	4.0	3.9	3.3	3.9	4.8	10.4	28.6	5.5	930
	21-23	37.1	6.2	5.5	3.9	4.0	2.2	2.2	3.4	3.0	4.2	28.4	4.4	930
TOTALS		24.2	8.1	6.3	4.7	3.7	2.8	3.1	3.7	5.1	8.1	30.2	5.2	7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

26102 FORT SMITH NWT DOT APT 57-66 APR

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	37.7	3.9	6.1	4.1	3.3	3.2	2.4	3.7	4.0	5.2	26.3	4.4	900
	03-05	25.2	9.7	6.8	4.2	3.2	4.6	3.9	4.3	5.2	7.0	25.9	4.9	900
	06-08	13.2	8.0	6.4	4.2	3.0	3.6	3.6	6.8	10.2	11.2	29.8	6.1	900
	09-11	11.6	8.8	7.3	5.0	4.6	4.8	3.4	5.1	7.2	11.3	30.9	6.1	900
	12-14	9.6	8.2	8.4	5.7	4.3	5.8	4.7	6.6	8.0	9.6	29.2	6.0	900
	15-17	8.0	11.6	8.2	5.9	3.9	4.6	4.7	6.6	7.4	10.3	28.9	6.0	900
	18-20	8.9	11.6	7.8	6.4	3.8	3.8	4.1	5.4	8.4	14.7	25.1	5.9	900
	21-23	20.6	12.4	8.3	5.3	5.1	3.0	3.4	4.2	5.7	7.1	24.8	4.9	900
	TOTALS	16.9	9.3	7.4	5.1	3.9	4.2	3.8	5.3	7.0	9.6	27.6	5.5	7200

USAF ETAC FORM JUL 64 0 9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

26102	FORT SMITH NWT DOT APT	57-66	MAY
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	15.2	14.1	9.4	6.2	4.3	4.8	4.2	5.5	5.7	11.1	19.6	5.0	930
	03-05	11.0	11.6	8.3	5.5	5.7	4.1	4.8	4.9	7.4	13.5	23.1	5.6	930
	06-08	8.8	10.4	7.4	4.9	5.2	5.1	3.5	6.2	8.3	14.6	25.5	6.0	930
	09-11	8.8	7.3	7.6	7.0	4.5	4.8	4.4	6.1	9.5	15.2	24.7	6.1	930
	12-14	5.6	7.8	5.8	4.5	4.3	6.7	6.6	8.8	8.9	17.2	23.8	6.5	930
	15-17	5.4	4.6	5.6	5.8	4.3	5.4	7.1	10.2	11.3	19.7	20.4	6.6	930
	18-20	7.0	6.9	7.2	6.8	5.9	4.5	4.5	7.4	11.0	17.8	21.0	6.2	930
	21-23	6.7	11.5	10.2	7.8	5.8	5.4	3.8	5.1	8.4	15.2	20.2	5.7	930
TOTALS		8.0	9.3	7.7	6.1	5.0	5.1	4.9	6.8	8.8	15.5	22.3	6.0	7440

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26102 STATION | FORT SMITH NAT DOT APT STATION NAME | 57-66 PERIOD | JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	7.3	13.7	10.1	9.6	5.4	4.4	6.6	6.6	6.8	14.0	15.6	5.3	900
	03-05	6.7	13.3	10.0	7.1	4.8	4.7	4.2	5.9	9.3	15.9	18.1	5.6	900
	06-08	8.3	12.9	9.3	7.8	3.7	5.0	4.4	4.4	8.8	16.0	19.3	5.6	900
	09-11	4.3	9.6	7.4	5.0	5.9	5.4	6.4	9.1	11.8	15.4	19.6	6.2	900
	12-14	2.6	4.6	4.4	4.9	4.8	5.6	8.8	13.8	14.9	15.1	20.7	6.9	900
	15-17	1.8	5.6	4.0	4.4	6.1	8.7	7.3	10.8	13.7	20.6	17.1	6.8	900
	18-20	3.1	7.1	8.1	6.7	7.7	5.7	5.9	8.8	11.7	18.9	16.4	6.3	900
	21-23	5.2	10.7	12.6	7.6	6.0	5.6	4.4	7.0	9.1	14.8	17.1	5.6	900
	TOTALS	4.9	9.7	8.2	6.6	5.6	5.6	6.0	8.3	10.8	16.3	18.0	6.0	7200

USAF ETAC FORM JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/MAC

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SKY COVER

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 PERIOD | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	5.1	13.7	11.5	8.9	8.4	4.8	5.1	7.1	8.4	10.3	16.8	5.3	930
	03-05	5.2	11.3	8.5	7.6	5.7	5.4	4.7	8.7	8.6	15.9	18.4	5.9	930
	06-08	5.2	11.6	8.9	7.1	4.3	4.5	6.6	7.2	11.9	13.8	18.9	5.9	930
	09-11	3.4	7.3	6.6	7.3	6.9	6.8	6.8	8.8	12.0	16.1	18.0	6.3	930
	12-14	.8	3.5	4.7	4.8	6.3	8.2	10.3	12.3	14.4	21.1	13.5	6.8	930
	15-17	.4	3.1	5.4	7.2	6.1	7.8	7.5	12.3	17.0	18.8	14.5	6.8	930
	18-20	1.0	5.1	8.0	8.5	5.8	8.3	7.2	10.5	13.4	15.8	15.8	6.4	930
	21-23	2.0	10.2	8.5	8.0	6.5	8.6	5.6	7.5	9.7	15.6	17.8	6.0	930
TOTALS		2.9	8.2	7.8	7.4	6.3	6.8	6.7	9.3	11.9	15.9	16.7	6.2	7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

26102	FORT SMITH NAT DOT APT	57-66	AUG
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	19.2	12.0	10.4	7.7	5.9	5.3	3.9	6.1	6.3	6.5	16.6	4.5	930
	03-05	10.4	12.9	8.1	8.6	5.1	4.9	4.4	8.4	9.0	11.6	16.6	5.3	930
	06-08	6.1	8.4	6.1	7.3	6.1	5.2	5.3	7.0	9.9	16.9	21.7	6.2	930
	09-11	4.8	6.2	4.8	5.9	6.5	6.0	6.7	8.6	10.9	15.6	24.0	6.6	930
	12-14	1.5	4.8	3.4	5.6	5.3	7.8	8.3	9.7	14.5	19.6	19.7	7.0	930
	15-17	1.9	3.9	5.1	7.0	7.7	7.7	7.8	8.1	12.8	18.1	19.9	6.7	930
	18-20	2.7	7.8	9.6	9.0	7.0	5.7	5.4	8.1	10.4	17.6	16.7	6.1	930
	21-23	6.3	11.4	12.3	8.5	7.3	5.6	6.3	5.7	8.6	11.5	16.5	5.3	930
TOTALS		6.6	8.4	7.5	7.5	6.4	6.0	6.0	7.7	10.3	14.7	19.0	6.0	7440

DATA PROCESSING DIVISION
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

SKY COVER

26102 (STATION) FORT SMITH NWT OOT APT (STATION NAME) 57-66 (PERIOD) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	23.0	7.4	7.3	3.9	3.9	3.6	3.1	3.7	5.4	7.0	31.7	5.3	900
	03-05	19.6	7.2	5.8	5.2	4.0	2.2	2.7	3.2	6.9	7.3	35.9	5.8	900
	06-08	4.4	7.3	4.0	4.1	3.0	4.8	2.6	6.7	8.1	17.2	37.8	7.2	900
	09-11	3.4	6.1	4.3	3.4	2.2	3.9	3.9	6.6	9.8	16.7	39.7	7.5	900
	12-14	2.3	4.1	4.1	3.4	4.0	5.9	6.1	5.7	12.3	17.6	34.4	7.5	900
	15-17	2.1	4.1	5.7	4.4	4.9	6.0	4.7	7.0	9.8	19.7	31.7	7.3	900
	18-20	3.9	7.3	8.0	7.9	5.2	4.8	4.2	5.2	8.3	16.4	28.7	6.6	900
	21-23	15.7	8.7	7.6	5.8	6.1	2.1	3.8	5.4	5.2	6.9	32.8	5.7	900
TOTALS		9.3	6.5	5.9	4.8	4.2	4.2	3.9	5.4	8.2	13.6	34.1	6.6	7200

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

26102	FORT SMITH MET BOT APT	57-66	OCT
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	10.6	4.6	5.5	4.9	3.7	2.0	2.9	4.1	4.5	6.1	45.1	6.4	930
	03-05	15.5	4.0	5.2	5.4	2.9	2.8	3.3	3.9	4.9	7.7	44.4	6.6	930
	06-08	5.8	5.4	5.7	4.1	4.2	2.2	4.0	5.1	6.7	13.5	43.4	7.3	930
	09-11	2.3	5.2	5.4	4.7	2.0	3.2	3.0	4.4	7.4	17.5	44.8	7.7	930
	12-14	2.6	5.6	4.1	3.2	2.3	2.3	2.9	4.3	9.0	20.4	43.3	7.8	930
	15-17	2.0	5.6	4.4	3.4	2.9	3.7	2.6	4.6	7.8	21.3	41.4	7.7	930
	18-20	6.5	6.7	5.3	4.8	4.8	3.1	2.5	4.1	5.8	12.3	43.5	7.1	930
	21-23	10.1	4.2	4.5	3.9	3.9	3.9	2.7	3.1	3.7	6.1	48.0	6.6	930
TOTALS		8.4	5.2	5.0	4.3	3.3	2.9	3.0	4.2	6.2	13.2	44.2	7.2	7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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SKY COVER

26102	FORT SMITH NAT DOT APT	57-66	NOV
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	15.6	2.3	3.8	1.2	2.7	2.8	2.7	3.9	4.8	6.9	53.4	7.2	900
	03-05	15.3	1.6	2.1	3.8	4.0	2.2	2.0	3.2	4.4	5.7	55.7	7.2	900
	06-08	9.7	3.7	2.9	2.7	3.0	2.2	1.8	3.9	4.9	7.4	57.9	7.6	900
	09-11	2.6	5.2	4.1	2.6	2.2	2.7	4.2	2.8	6.0	13.8	53.7	8.0	900
	12-14	4.3	6.0	3.6	4.7	3.7	3.1	2.9	3.7	7.3	15.0	45.8	7.5	900
	15-17	3.4	7.4	5.9	5.2	2.8	1.7	2.8	4.1	5.6	12.6	48.6	7.4	900
	18-20	11.3	5.7	5.8	3.7	2.9	2.1	3.2	3.6	4.8	6.9	50.1	7.0	900
	21-23	15.8	2.7	3.8	2.4	2.3	2.6	2.4	2.6	4.6	6.4	54.4	7.1	900
	TOTALS	9.8	4.3	4.0	3.3	3.0	2.4	2.8	3.5	5.3	9.3	52.5	7.4	7200

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26102	FORT SMITH NWT DOT APT	57-66	DEC
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	25.3	4.7	4.3	2.4	3.8	2.2	2.7	4.0	3.2	7.0	40.5	5.8	930
	03-05	28.8	3.7	5.1	2.8	2.6	1.5	1.9	2.2	3.9	3.9	43.8	5.7	930
	06-08	22.4	6.6	5.8	4.4	3.1	2.4	2.0	2.5	3.7	5.2	42.0	5.8	930
	09-11	5.3	7.4	6.1	4.5	3.7	3.0	3.4	5.9	6.8	11.5	42.4	7.1	930
	12-14	4.8	7.4	4.9	3.7	3.5	3.2	3.1	4.5	7.0	17.8	39.9	7.2	930
	15-17	4.6	10.1	4.0	3.1	3.5	4.0	4.5	3.5	6.5	14.2	41.9	7.1	930
	18-20	16.6	7.1	6.0	4.1	3.0	4.3	3.0	3.7	4.9	5.3	42.0	6.2	930
	21-23	21.7	5.5	5.2	4.3	4.0	3.2	2.4	3.5	3.2	7.2	39.8	5.9	930
TOTALS		16.2	6.6	5.2	3.7	3.4	3.0	2.9	3.7	4.9	9.0	41.5	6.4	7440

USAF ETAC FORM JUL 64 0-9-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
STAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

   a. Daily maximum temperature — DATA NOT AVAILABLE
   b. Daily minimum temperature — DATA NOT AVAILABLE
   c. Daily mean temperature — DATA NOT AVAILABLE

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature — DATA NOT AVAILABLE
   b. Extreme minimum temperature — DATA NOT AVAILABLE

   NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

      NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\overline{X}$), and standard deviations (σx). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | ALL MONTH

 ALL HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91													.0	.0				3	3		
90/ 89											.0	.0	.0	.0				14	14		
88/ 87								.0	.0	.0	.0	.0	.0	.0			.0	35	35		
86/ 85								.0	.0	.0	.0	.0	.0	.0	.0	.0		59	59		
84/ 83							.0	.0	.0	.0	.0	.0	.0	.0				77	77		
82/ 81						.0	.0	.0	.0	.1	.0	.0	.0					179	179		
80/ 79						.0	.0	.0	.1	.1	.1	.0	.0	.0				331	331		
78/ 77					.0	.0	.1	.1	.1	.1	.0	.0	.0					388	388		
76/ 75				.0	.0	.0	.1	.1	.2	.1	.0	.0	.0					522	522		
74/ 73				.0	.0	.1	.2	.2	.2	.1	.1	.0						757	757	1	
72/ 71			.0	.0	.1	.2	.3	.2	.2	.1	.1	.0						989	989	13	
70/ 69		.0	.0	.1	.2	.3	.3	.2	.2	.1	.0							1202	1202	54	
68/ 67		.0	.0	.1	.2	.3	.3	.3	.2	.1	.0							1297	1297	154	8
66/ 65	.0	.0	.1	.3	.3	.3	.3	.2	.2	.0								1558	1558	349	29
64/ 63	.0	.1	.2	.3	.4	.3	.3	.2	.1	.0								1684	1684	739	133
62/ 61	.0	.2	.3	.5	.4	.3	.3	.2	.1	.0								1950	1950	1308	306
60/ 59	.1	.4	.6	.5	.4	.3	.3	.2	.0	.0								2341	2341	1972	615
58/ 57	.1	.5	.6	.4	.3	.3	.2	.1	.0	.0								2275	2275	2331	1156
56/ 55	.1	.7	.6	.4	.3	.3	.2	.1	.0									2440	2440	2976	1581
54/ 53	.1	.8	.6	.4	.4	.3	.1	.0	.0									2349	2349	3110	2174
52/ 51	.1	.9	.6	.5	.3	.3	.1	.0										2361	2361	3073	2640
50/ 49	.1	.9	.6	.4	.3	.2	.1	.0										2217	2217	3017	2879
48/ 47	.2	.8	.5	.5	.3	.2	.0											2205	2205	2721	2785
46/ 45	.2	.9	.6	.4	.3	.1	.0											2155	2155	2764	2653
44/ 43	.2	.8	.6	.5	.3	.1	.0											2218	2218	2544	2497
42/ 41	.2	.9	.6	.5	.2	.0												2084	2084	2423	2658
40/ 39	.2	.9	.6	.5	.2	.0												2086	2087	2376	2464
38/ 37	.2	.9	.7	.4	.1													2050	2050	2391	2582
36/ 35	.3	1.0	.8	.3	.0													2083	2083	2361	2514
34/ 33	.4	1.2	.7	.1	.0													2116	2116	2531	2583
32/ 31	.4	1.3	.5	.1	.0													2077	2077	2738	2740
30/ 29	.4	1.3	.4	.0	.0													1863	1863	2294	2805
28/ 27	.4	1.4	.4	.0														1870	1870	2005	2702
26/ 25	.4	1.3	.3	.0														1753	1753	2010	2505

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

26102 STATION — FORT SMITH NWT DOT APT STATION NAME — 57-66 YEARS — ALL MONTH

 — ALL HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23	.4	1.2	.2	.0														1540	1540	1801	2370
22/ 21	.4	1.0	.1	.0														1401	1401	1649	2155
20/ 19	.5	1.1	.1	.0														1472	1472	1505	1834
18/ 17	.6	.9	.1															1350	1350	1529	1734
16/ 15	.7	.9	.0															1382	1382	1464	1621
14/ 13	.8	.9	.0															1430	1430	1484	1493
12/ 11	.8	.8	.0															1427	1427	1440	1500
10/ 9	1.1	.8	.0															1565	1565	1682	1356
8/ 7	1.1	.6	.0															1444	1444	1502	1449
6/ 5	1.2	.6	.0															1584	1584	1610	1525
4/ 3	1.1	.5																1405	1405	1441	1476
2/ 1	1.0	.5																1317	1317	1329	1515
0/ -1	1.2	.5																1457	1457	1465	1319
-2/ -3	1.3	.5																1490	1490	1496	1282
-4/ -5	1.4	.4																1549	1549	1584	1364
-6/ -7	1.2	.3																1316	1317	1365	1380
-8/ -9	1.2	.3																1327	1328	1314	1417
-10/-11	1.2	.3																1301	1301	1311	1311
-12/-13	1.2	.3																1241	1241	1259	1339
-14/-15	1.3	.2																1290	1290	1304	1191
-16/-17	1.2	.2																1149	1149	1165	1089
-18/-19	1.1	.1																1098	1098	1112	1233
-20/-21	1.2	.1																1062	1063	1087	1220
-22/-23	1.1	.1																968	968	972	1088
-24/-25	1.0	.1																902	902	914	1262
-26/-27	.9	.0																833	834	832	1170
-28/-29	.8	.0																758	760	757	971
-30/-31	.7	.0																623	629	629	996
-32/-33	.5	.0																446	455	452	908
-34/-35	.3	.0																298	405	302	760
-36/-37	.0																	5	401	5	667
-38/-39																			294		465
-40/-41																			243		317
-42/-43																			189		90

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | ALL MONTH

ALL HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-44/-45																			137		83
-46/-47																			94		25
-48/-49																			62		11
-50/-51																			36		7
-52/-53																			26		2
-54/-55																			19		7
-56/-57																					1
TOTAL	32.6	30.5	11.8	7.5	5.3	4.0	3.0	2.3	1.5	.8	.4	.2	.0	.0	.0	.0			87643		86012
																		86016		86016	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	472897975	6222897	72.4	16.223	86004							
Dry Bulb	1398814602	2301502	26.3	30.095	87643	2070.8	4559.4	585.3	236.5	51.6		8760
Wet Bulb	1095657354	2096320	24.4	26.074	86016	2046.1	4838.5	22.2	.1			8760
Dew Point	91416354	1624832	18.9	26.570	86012	2423.7	5534.2	.8				8760

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NAT DAT AFT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

ALL (HOURS: L, S, T,)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43				.0														1	1		
42/ 41			.0	.0	.0													7	7		
40/ 39			.0	.0	.0													5	5		
38/ 37			.0		.0													4	4	3	
36/ 35		.1	.0	.0	.0													12	12	11	
34/ 33		.0	.0	.0														6	6	9	2
32/ 31		.1		.1														8	8	4	7
30/ 29	.0	.1	.0	.0														10	10	10	9
28/ 27		.2	.1	.0														17	17	14	5
26/ 25		.4	.0															28	28	20	10
24/ 23	.2	.2																28	28	42	16
22/ 21	.1	.2																19	19	25	24
20/ 19	.1	.2																23	23	22	22
18/ 17	.2	.3																34	34	33	30
16/ 15	.5	.3																51	51	51	28
14/ 13	.4	.5																63	63	56	45
12/ 11	.7	.4																73	73	66	52
10/ 9	.9	.8																113	113	106	49
8/ 7	1.6	.8																161	161	160	55
6/ 5	2.4	1.0	.0															226	226	231	79
4/ 3	1.8	.7																163	163	164	139
2/ 1	1.9	.6																164	164	173	209
0/ -1	2.7	1.1																253	253	226	169
-2/ -3	4.0	1.1																339	339	352	140
-4/ -5	4.2	.8																328	328	330	210
-6/ -7	4.3	.7																332	332	337	229
-8/ -9	4.3	.9																341	341	341	325
-10/-11	4.4	.6																332	332	328	276
-12/-13	4.1	.7																317	317	322	348
-14/-15	4.3	.7																332	332	336	295
-16/-17	4.4	.4																313	313	319	255
-18/-19	4.3	.5																319	319	315	316
-20/-21	4.7	.3																330	331	334	308
-22/-23	4.9	.3																338	338	341	267

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | JAN MONTH

PAGE 2 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-24/-25	4.3	.2																299	299	305	393
-26/-27	4.3	.2																301	302	296	324
-28/-29	4.4	.2																310	310	308	316
-30/-31	4.3	.2																295	299	300	344
-32/-33	2.8	.1																193	196	194	300
-34/-35	1.8	.0																125	176	129	288
-36/-37																			179		303
-38/-39																			133		201
-40/-41																			114		146
-42/-43																			102		30
-44/-45																			70		26
-46/-47																			58		9
-48/-49																			42		6
-50/-51																			26		
-52/-53																			19		2
-54/-55																			19		5
-56/-57																					1
TOTAL	83.2	16.1	.3	.2	.1													6613	7435	6613	6613

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	35715702	482674	73.0	8,527	6612							
Dry Bulb	3591462	-110780	-14.9	16.158	7435	622.3	740.5					744
Wet Bulb	2165638	-78270	-11.8	13,690	6613	609.0	741.4					744
Dew Point	3531407	-118752	-18.0	14.545	6613	656.1	743.8					744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | FEB MONTH

 ALL HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
42/ 41			.0		.0													3	3		
40/ 39	.0	.0	.0	.1														13	14	2	1
38/ 37	.0	.0	.0	.1														9	9	5	3
36/ 35	.0	.0	.0	.1														9	9	4	1
34/ 33		.1	.1	.0														15	15	12	4
32/ 31		.3	.2	.0														28	28	17	1
30/ 29		.3	.2	.0														32	32	33	7
28/ 27	.1	.4	.2	.0														44	44	38	23
26/ 25	.1	.4	.1															42	42	45	31
24/ 23	.1	.6	.2															59	59	50	42
22/ 21	.3	1.0	.0															85	85	85	39
20/ 19	.8	1.2	.0															127	127	127	53
18/ 17	1.2	1.1	.0															147	147	161	101
16/ 15	1.4	1.2																166	166	158	134
14/ 13	1.3	.8																137	137	144	170
12/ 11	1.2	.9																134	134	143	149
10/ 9	1.2	1.3																156	156	140	110
8/ 7	1.9	1.0																185	185	191	134
6/ 5	2.2	1.2																221	221	219	127
4/ 3	2.0	1.1																192	192	187	156
2/ 1	2.4	1.5																245	245	241	185
0/ -1	3.1	1.2																272	272	281	152
-2/ -3	3.4	1.3																297	297	292	209
-4/ -5	3.7	1.3																321	321	324	235
-6/ -7	3.0	1.0																257	258	275	257
-8/ -9	3.4	.8																265	266	260	299
-10/-11	3.3	.7																255	255	259	249
-12/-13	3.0	.8																242	242	243	259
-14/-15	4.0	.7																296	296	302	237
-16/-17	3.9	.6																282	282	278	214
-18/-19	3.8	.6																283	283	286	234
-20/-21	4.3	.3																291	291	300	241
-22/-23	4.0	.4																276	276	274	241
-24/-25	3.3	.2																223	223	227	271

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | FEB MONTH

PAGE 2 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-26/-27	3.1	.2																213	213	214	320
-28/-29	2.6	.1																173	173	175	262
-30/-31	1.9	.2																133	134	131	261
-32/-33	1.8	.1																120	124	124	250
-34/-35	1.1	.0																69	97	70	190
-36/-37	.1																	5	91	5	154
-38/-39																			79		118
-40/-41																			73		76
-42/-43																			63		27
-44/-45																			51		28
-46/-47																			29		10
-48/-49																			19		5
-50/-51																			4		7
-52/-53																			6		
-54/-55																					2
TOTAL	73.3	25.2	1.2	.3	.0													6322	6768	6322	6319

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	34595961	463483	73.4	9.577	6315							
Dry Bulb	2566485	-57597	-8.5	17.517	6768	468.5	667.0					672
Wet Bulb	1791329	-41717	-6.6	15.487	6322	459.2	669.6					672
Dew Point	2783269	-79835	-12.6	16.760	6319	515.6	671.0					672

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DNT APT STATION NAME | 57-66 YEARS | MAR MONTH

PAGE 1 | ALL HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53					.0													2	2		
52/ 51					.0													2	2		
50/ 49					.0													1	1		
48/ 47				.0	.1													7	7		
46/ 45			.0	.1	.1	.0												12	12	2	
44/ 43			.1	.2	.1	.0												32	32	3	
42/ 41			.1	.3	.1	.0												40	40	4	
40/ 39			.2	.3	.2													54	54	24	
38/ 37		.1	.4	.2	.0													60	60	29	1
36/ 35	.0	.5	.5	.2	.0													96	96	74	14
34/ 33	.0	.5	.6	.2	.0													102	102	94	23
32/ 31	.1	.7	.7	.1														122	122	125	41
30/ 29	.1	.8	.7	.1														120	120	136	100
28/ 27	.2	1.4	.7	.0														172	172	136	132
26/ 25	.3	1.7	.7	.0														202	202	202	115
24/ 23	.2	1.8	.6	.0														193	193	203	145
22/ 21	.3	2.5	.5															239	239	226	162
20/ 19	.5	2.9	.6															289	289	264	179
18/ 17	.9	3.2	.3															323	323	345	214
16/ 15	1.2	2.9	.1															310	310	351	267
14/ 13	1.4	2.7	.1															314	314	323	293
12/ 11	1.5	2.9	.1															330	330	334	300
10/ 9	1.9	2.7	.1															346	346	384	303
8/ 7	1.8	2.4	.0															290	290	296	311
6/ 5	2.0	2.3	.0															322	322	324	330
4/ 3	2.1	1.9																295	295	323	346
2/ 1	2.1	1.8																274	274	274	279
0/ -1	2.2	1.6																284	284	307	290
-2/ -3	2.2	1.6																275	275	267	284
-4/ -5	2.8	1.2																295	295	319	274
-6/ -7	2.5	1.0																262	262	259	274
-8/ -9	2.5	.9																254	254	250	278
-10/-11	2.5	.7																235	235	251	272
-12/-13	2.3	.7																223	223	221	251

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | MAR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-14/-15	1.8	.4																165	165	174	243
-16/-17	1.8	.4																166	166	168	218
-18/-19	1.5	.2																130	130	137	220
-20/-21	1.4	.1																112	112	117	206
-22/-23	1.1	.1																86	86	85	175
-24/-25	1.2	.1																99	99	100	184
-26/-27	.8	.0																62	62	65	146
-28/-29	.7	.1																61	62	58	100
-30/-31	.6	.1																50	51	52	85
-32/-33	.5	.0																39	39	40	84
-34/-35	.4																	26	28	27	64
-36/-37																			21		53
-38/-39																			23		52
-40/-41																			9		33
-42/-43																			5		12
-44/-45																			3		16
-46/-47																			2		4
TOTAL	45.2	45.0	7.1	1.9	.7	.0												7373	7440	7373	7373

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	39497258	533496	72.4	11.015	7373							
Dry Bulb	2417110	39908	5.4	17.209	7440	289.1	703.2					744
Wet Bulb	2041886	35430	4.8	15.934	7373	292.3	720.8					744
Dew Point	2122819	-10573	-1.4	16.909	7373	385.3	740.2					744

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NAT DOT APT STATION NAME | 57-66 YEARS | APR MONTH

ALL HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73											.0	.0						2	2		
72/ 71											.0							3	3		
70/ 69										.1								1	1		
68/ 67										.0								2	2		
66/ 65										.1								5	5		
64/ 63									.0	.0								3	3		
62/ 61								.0	.0									4	4		
60/ 59							.0	.1		.1								16	16		
58/ 57						.1	.1	.1	.0									19	19		
56/ 55					.0	.2	.2	.2										41	41		
54/ 53			.0	.0	.0	.2	.2	.1										43	43	4	
52/ 51			.0	.0	.2	.3	.1	.0										49	49	3	
50/ 49				.2	.3	.3	.2											83	83	4	
48/ 47			.0	.3	.9	.6	.1											143	143	24	
46/ 45			.1	.8	1.2	.4	.0											170	170	42	1
44/ 43		.1	.4	1.4	1.3	.4	.0											268	268	70	1
42/ 41		.3	1.0	1.7	1.2	.2												310	310	155	4
40/ 39		.5	1.3	1.9	.8	.1												334	334	222	15
38/ 37	.0	1.1	2.0	2.2	.3													409	409	367	52
36/ 35	.1	2.1	3.0	1.3	.1													477	477	477	120
34/ 33	.6	2.9	2.8	.7	.1													480	480	618	226
32/ 31	.4	3.3	2.5	.4	.1													479	479	660	411
30/ 29	.2	2.9	2.0	.2	.0													384	384	567	483
28/ 27	.3	3.8	2.0	.2														451	451	462	570
26/ 25	.3	3.2	1.7	.1														387	387	451	582
24/ 23	.4	3.0	1.1	.1														325	325	410	613
22/ 21	.4	2.3	1.0	.0														264	264	358	539
20/ 19	.3	2.4	.8	.0														260	260	274	483
18/ 17	.3	2.3	.6															230	230	274	384
16/ 15	.3	2.1	.4															196	196	237	330
14/ 13	.0	2.1	.2															205	205	239	254
12/ 11	.6	2.0	.2															200	200	199	260
10/ 9	.7	1.5	.0															163	163	211	234
8/ 7	.5	1.6	.0															148	148	162	251

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | APR MONTH

PAGE 2 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 5	.6	1.0																115	115	139	192
4/ 3	.6	.7																93	93	111	174
2/ 1	.7	.6																92	92	93	173
0/ -1	.6	.5																75	75	80	160
-2/ -3	.5	.3																56	56	60	142
-4/ -5	.6	.2																59	59	62	106
-6/ -7	.4	.1																34	34	39	102
-8/ -9	.3	.1																30	30	30	87
-10/-11	.3	.0																22	22	26	71
-12/-13	.2	.0																18	18	18	49
-14/-15	.3	.0																19	19	19	35
-16/-17	.2	.0																15	15	14	18
-18/-19	.1	.0																11	11	11	25
-20/-21	.1																	4	4	5	17
-22/-23	.0	.0																3	3	3	16
-24/-25																					14
-26/-27																					2
-28/-29																					1
-34/-35																					1
-40/-41																					1
-44/-45																					1
TOTAL	11.4	42.5	23.2	11.5	6.8	2.9	.9	.5	.1	.2	.1	.0						7200	7200	7200	7200

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 90 F	Total
Rel. Hum.	35268612	492606	68.4	14.748	7200							
Dry Bulb	6773676	195790	27.2	14.190	7200	34.6	433.8	.8	.2			720
Wet Bulb	5286392	173848	24.1	12.298	7200	36.7	521.4					720
Dew Point	3325142	125886	17.5	12.496	7200	84.8	678.1					720

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION — FORT SMITH NWT OUT APT STATION NAME — 57-66 YEARS — MAY MONTH

PAGE 1 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87																.0		3	3		
86/ 85															.0	.0		2	2		
84/ 83														.0				2	2		
82/ 81													.0					1	1		
80/ 79												.0	.1	.0				10	10		
78/ 77											.0	.0	.1					11	11		
76/ 75										.1	.1	.0	.0					14	14		
74/ 73									.0	.2	.3	.1						43	43		
72/ 71								.0	.1	.3	.3	.0						60	60		
70/ 69							.0	.1	.4	.4	.2							83	83		
68/ 67						.0	.0	.3	.7	.5	.0							110	110		
66/ 65					.0	.1	.2	.6	.8	.1								143	143		
64/ 63						.1	.5	.8	.7	.0								155	155		
62/ 61			.0	.0	.2	.5	.9	1.0	.5	.0								235	235		
60/ 59				.1	.1	1.0	1.0	1.1	.3									264	268	1	
58/ 57				.2	.4	.9	1.1	.7	.0	.0								257	257	29	
56/ 55			.1	.3	.6	1.5	1.0	.5	.0									298	298	66	
54/ 53		.1	.2	.5	1.2	1.8	.8	.3	.0									377	377	171	2
52/ 51	.0	.1	.4	.7	1.3	1.7	.7	.2										384	384	313	5
50/ 49	.0	.4	.5	1.3	1.3	1.2	.4	.1										386	386	425	28
48/ 47	.1	.6	1.0	1.5	1.8	.9	.2											454	454	424	91
46/ 45	.1	.9	1.4	1.5	1.5	.3	.1											431	431	588	106
44/ 43	.1	1.0	1.8	2.0	1.3	.3												480	480	634	186
42/ 41	.3	1.6	1.3	1.8	1.0	.2												460	460	650	320
40/ 39	.3	1.7	1.8	1.8	1.0	.1												493	493	682	460
38/ 37	.2	1.5	2.1	1.5	.4													421	421	575	603
36/ 35	.2	1.3	2.3	1.0	.2													381	381	530	611
34/ 33	.3	1.5	2.0	.6	.1													334	334	510	665
32/ 31	.3	1.5	1.5	.4	.1													284	284	497	681
30/ 29	.1	1.6	1.0	.2	.1													224	224	359	678
28/ 27	.0	1.3	1.0	.1														180	180	268	644
26/ 25	.0	1.0	.5	.1														119	119	204	528
24/ 23	.0	.9	.2	.1														90	90	157	453
22/ 21	.1	.6	.1	.0														60	60	108	336

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NAT DIT APT STATION NAME | 57-66 YEARS | MAY MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19	.1	.5	.2															57	57	75	280
18/ 17	.1	.3	.1															37	37	48	207
16/ 15	.0	.3	.0															29	29	41	188
14/ 13	.0	.1																12	12	25	107
12/ 11	.0	.2																17	17	16	80
10/ 9	.1	.2																17	17	20	35
8/ 7	.0	.0																5	5	10	30
6/ 5	.1	.0																11	11	11	28
4/ 3		.0																1	1	2	47
2/ 1	.0																	1	1	1	28
0/ -1																					7
-2/ -3																					5
-4/ -5																					1
TOTAL	2.5	19.4	19.4	15.9	12.7	10.5	7.0	5.7	3.7	1.6	1.0	.2	.2	.1	.0	.1			7440		7440
																		7440		7440	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	28745543	439331	59.0	19.412	7440							
Dry Bulb	16245430	334940	45.0	12.524	7440		114.4	33.9	8.6	1.5		744
Wet Bulb	11615946	286270	38.5	8.989	7440		184.2					744
Dew Point	7253878	222838	30.0	8.827	7440	1.3	436.3					744

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NWT DOT APT — STATION NAME
57-66 — YEARS
JUN — MONTH
PAGE 1
ALL — HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.	TOTAL W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89														.0				3	3		
88/ 87													.0	.0				4	4		
86/ 85											.0	.1	.0					7	7		
84/ 83											.0	.1						6	6		
82/ 81										.2	.3	.2						46	46		
80/ 79									.0	.2	.4	.3						61	61		
78/ 77								.1	.3	.4	.3	.1	.0					77	77		
76/ 75							.1	.4	.5	.6	.3	.0	.0					138	138		
74/ 73						.1	.3	.7	.8	.8	.2	.0						183	183		
72/ 71					.1	.3	.9	.9	.8	.8	.3	.0						281	281		
70/ 69				.0	.2	.6	1.3	.9	1.1	.7	.1							353	353		
68/ 67			.1	.2	.3	.6	1.2	1.3	1.0	.4								361	361		
66/ 65			.1	.3	.6	.9	1.2	1.2	.8	.1								376	376	3	
64/ 63		.0	.3	.4	1.1	1.3	1.2	.9	.3	.0								405	405	74	
62/ 61		.3	.7	.8	1.0	1.2	.8	.7	.4	.0								417	417	189	7
60/ 59	.1	.8	1.0	1.2	1.7	1.0	.9	.6	.1									530	530	425	34
58/ 57	.2	1.2	1.3	1.5	1.3	.8	.7	.2										513	513	565	142
56/ 55	.1	1.4	1.7	1.4	1.0	.9	.7	.1										520	520	697	211
54/ 53	.1	1.6	1.1	1.0	1.2	.9	.2	.0										463	463	803	314
52/ 51	.2	2.1	1.4	1.3	.8	.5	.1											467	467	865	528
50/ 49	.2	1.6	1.3	1.3	.7	.3	.1											396	396	707	647
48/ 47	.4	1.3	1.2	1.1	.5	.1	.0											332	332	580	651
46/ 45	.4	1.3	1.1	.7	.4	.2												292	292	550	692
44/ 43	.3	1.1	1.1	.7	.3	.0												252	252	451	600
42/ 41	.2	1.4	.7	.5	.2	.0												225	225	342	578
40/ 39	.1	1.1	.4	.3	.3													154	154	287	576
38/ 37	.3	1.0	.6	.3	.0													153	153	240	519
36/ 35	.2	.6	.3	.2														85	85	167	509
34/ 33	.0	.3	.4															49	49	110	360
32/ 31	.1	.3	.1															37	37	86	254
30/ 29		.2	.0															13	13	39	213
28/ 27		.2																11	11	20	142
26/ 25		.1																5	5	9	95
24/ 23	.0	.0																4	4	6	69

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) JUN (MONTH)

ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
22/ 21		.0																1	1	2	60
20/ 19																					26
18/ 17																					11
16/ 15																					3
12/ 11																					1
TOTAL	2.8	17.8	14.9	13.2	11.7	9.8	9.7	7.8	5.7	4.0	1.9	.8	.1	.1					7200		7200
																		7200		7200	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	30772674	446760	62.12	0.587	7200							
Dry Bulb	24241360	410368	57.0	10.880	7200		7.1	152.0	52.5	9.2		720
Wet Bulb	17965045	355651	49.4	7.429	7200		16.2					720
Dew Point	13460060	305608	42.4	8.236	7200		87.4					720

USAFETAC FORM 0-26 5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT OBT APT STATION NAME | 57-66 YEARS | JUL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
92/ 91													.0	.0				3	3		
90/ 89											.1	.0	.0	.0				11	11		
88/ 87								.0	.0	.1	.1	.1	.0	.0				26	26		
86/ 85								.1	.1	.1	.1	.2	.0	.0				45	45		
84/ 83							.0	.1	.1	.1	.2	.1	.0					49	49		
82/ 81						.0	.1	.2	.2	.4	.2	.2						96	96		
80/ 79						.0	.2	.2	.8	.6	.3	.2						167	167		
78/ 77					.0	.1	.3	.6	.7	.4	.2	.0						173	173		
76/ 75					.1	.3	.5	.9	.7	.3	.1							215	215		
74/ 73				.1	.3	.6	.9	1.1	.8	.3	.1	.0						312	312	1	
72/ 71				.2	.5	1.1	1.2	1.0	.7	.2	.1							378	378	13	
70/ 69		.0	.2	.5	1.1	1.3	1.1	1.0	.4	.1								429	429	41	
68/ 67		.0	.4	.7	1.4	1.4	1.1	.8	.3	.1								464	464	99	6
66/ 65		.3	.8	1.5	1.5	1.5	1.3	.5	.1									567	567	201	22
64/ 63	.1	.7	1.3	1.5	1.7	1.1	.7	.5	.0									566	566	425	80
62/ 61	.2	1.3	1.6	2.4	1.2	.8	.5	.2										610	610	658	198
60/ 59	.5	1.9	2.6	2.1	.9	.5	.4	.0										667	667	852	344
58/ 57	.5	2.2	2.6	1.4	.6	.7	.2											613	613	954	562
56/ 55	.5	3.0	2.4	1.2	.6	.2	.0											588	588	1082	709
54/ 53	.4	2.7	1.7	.8	.4	.2	.1											468	468	952	917
52/ 51	.3	2.0	1.2	.7	.1	.0												327	327	674	978
50/ 49	.4	1.5	.7	.3	.0													223	223	561	918
48/ 47	.2	1.3	.4	.2														151	151	382	760
46/ 45	.3	1.0	.3	.1														129	129	228	538
44/ 43	.1	.6	.2															62	62	149	425
42/ 41	.1	.6	.2															55	55	84	375
40/ 39	.0	.2	.0															23	23	52	234
38/ 37	.0	.2	.0															19	19	17	183
36/ 35		.0																3	3	12	106
34/ 33		.0																1	1	3	54
32/ 31																					21
30/ 29																					10
TOTAL	3.6	19.8	16.5	13.7	10.7	9.9	8.6	7.1	5.0	2.6	1.5	.8	.2	.1				7440	7440		7440
																		7440		7440	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	36688282	502614	67.6	19.170	7440							
Dry Bulb	29608064	464202	62.4	9.313	7440			236.8	109.7	30.9		744
Wet Bulb	23052996	411816	55.4	5.893	7440			15.4	.1			744
Dew Point	19047788	373406	50.2	6.423	7440		3.1	.6				744

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | AUG MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87											.0	.0						2	2		
86/ 85								.0		.0	.0							5	5		
84/ 83								.0	.1	.1	.1							20	20		
82/ 81							.0	.0	.2	.1	.1	.0						36	36		
80/ 79						.0	.1	.2	.4	.3	.2	.0	.0					88	88		
78/ 77					.0	.1	.5	.3	.5	.2	.0	.0						120	120		
76/ 75				.0	.1	.2	.4	.5	.6	.2	.0							149	149		
74/ 73				.1	.2	.4	.7	.9	.4	.1								198	198		
72/ 71			.0	.2	.4	.8	1.1	.4	.2	.0	.0							235	235		
70/ 69			.1	.3	.8	1.0	.9	.6	.1	.1								295	295	13	
68/ 67		.0	.1	.8	.9	.9	.8	.5	.1									304	304	95	2
66/ 65	.0	.1	.5	1.2	1.2	1.2	.5	.3	.1									376	376	142	7
64/ 63	.0	.3	.9	1.7	1.5	1.0	.3	.2	.1									446	446	220	53
62/ 61	.1	.8	1.6	1.8	1.3	1.0	.6	.2										540	540	423	99
60/ 59	.1	1.7	2.0	1.7	1.2	.8	.3	.0										638	638	693	225
58/ 57	.2	2.4	2.7	1.4	.8	.4	.1	.0										597	597	721	429
56/ 55	.6	3.8	2.5	1.1	.6	.2												660	660	936	585
54/ 53	.6	4.0	2.2	.9	.5	.2												629	629	902	852
52/ 51	.5	4.2	1.5	.8	.2	.0												536	536	832	945
50/ 49	.6	3.3	1.5	.4	.1													434	434	760	984
48/ 47	1.0	2.8	.9	.2														361	361	579	856
46/ 45	.8	2.3	.6	.1														276	276	450	660
44/ 43	.4	1.6	.1	.1														179	179	294	499
42/ 41	.4	.9	.1															100	100	187	488
40/ 39	.3	.6	.1															76	76	88	303
38/ 37	.3	.5	.0															65	65	88	186
36/ 35	.3	.3																46	46	54	127
34/ 33	.1	.1																19	19	28	92
32/ 31	.1	.0																7	7	11	35
30/ 29	.0																	3	3	4	11
28/ 27																					2
TOTAL	6.3	29.9	18.4	12.7	9.8	8.0	6.3	4.2	2.7	1.1	.5	.1	.0						7440		7440
																		7440		7440	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	43358520	552130	74.2	17.903	7440							
Dry Bulb	25835207	432603	58.1	9.570	7440		1.0	145.2	61.8	9.6		744
Wet Bulb	21132110	393538	52.9	6.517	7440		1.3	6.8				744
Dew Point	18122918	364178	48.9	6.317	7440		4.8	.2				744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | SEP MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
80/ 79									.0	.0	.0							5	5		
78/ 77								.1	.0	.0	.0							7	7		
76/ 75								.0		.0	.0							6	6		
74/ 73					.0	.0	.2		.0		.0							19	19		
72/ 71					.0	.2	.1	.1	.1	.0								32	32		
70/ 69				.0	.1	.1	.1	.1	.1									41	41		
68/ 67				.1	.1	.1	.2	.1	.1									52	52		
66/ 65			.0	.1	.1	.3	.5	.2	.0									85	85	3	
64/ 63			.0	.1	.4	.4	.2	.2										97	97	20	
62/ 61		.0	.2	.2	.6	.5	.2	.1	.0									130	130	38	2
60/ 59		.1	.5	.4	.7	.4	.3	.1	.0									185	185	41	12
58/ 57	.0	.3	.7	.6	.7	.6	.3											236	236	79	23
56/ 55	.0	.6	.8	1.1	.8	.5	.2											268	268	193	76
54/ 53	.1	1.1	1.1	1.1	.6	.3	.1											318	318	265	89
52/ 51	.2	2.3	1.9	1.4	.7	.2												490	490	363	184
50/ 49	.4	2.9	2.1	1.2	.6	.3	.0											546	546	492	299
48/ 47	.4	3.8	2.2	1.1	.5	.1												572	572	603	407
46/ 45	1.0	4.1	2.1	.9	.4	.0												619	619	717	635
44/ 43	1.4	4.3	1.9	.9	.4	.0	.0											650	650	728	681
42/ 41	1.4	3.6	1.5	.6	.0													518	518	679	713
40/ 39	.8	3.8	1.5	.4	.1													479	479	576	601
38/ 37	1.2	3.0	1.3	.5	.0													432	432	556	666
36/ 35	1.0	2.8	1.2	.3	.0													391	391	456	559
34/ 33	1.2	2.4	.9	.1	.0													332	332	390	468
32/ 31	1.0	1.7	.4	.1	.0													225	225	371	439
30/ 29	.8	1.5	.3	.0														182	182	230	410
28/ 27	.6	.9	.2	.0														127	127	168	313
26/ 25	.2	.6	.0															58	58	94	232
24/ 23	.1	.3	.0															35	35	51	130
22/ 21	.1	.2	.0															22	22	34	97
20/ 19	.0	.1																9	9	17	53
18/ 17	.1	.1																8	8	10	34
16/ 15	.1	.1																10	10	7	23
14/ 13	.1	.0																9	9	13	16

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | SEP MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11	.0	.0																3	3	4	10
10/ 9	.0																	2	2	2	18
8/ 7																					7
6/ 5																					2
4/ 3																					1
TOTAL	12.2	40.7	21.1	11.4	6.8	4.0	2.3	.9	.4	.1	.1								7200		7200
																		7200		7200	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	46505033	567369	78.8	15.793	7200							
Dry Bulb	15339217	324547	45.1	9.931	7200		69.0	16.2	3.7	.4		720
Wet Bulb	13060562	300942	41.8	8.182	7200		100.1					720
Dew Point	11027753	275239	38.2	8.384	7200		178.5					720

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

2e102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | OCT MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67								.1										4	4		
66/ 65						.0	.0	.0										6	6		
64/ 63					.0	.0	.1	.0	.0									12	12		
62/ 61						.1	.1	.0										14	14		
60/ 59					.1	.2	.1	.1										37	37		
58/ 57				.0	.1	.2	.2											40	40		
56/ 55				.1	.3	.2	.1	.0										65	65	2	
54/ 53			.2	.2	.3	.1	.1	.0										69	69	13	
52/ 51		.0	.3	.6	.3	.2												103	103	23	
50/ 49		.2	.5	.6	.5	.1	.0											146	146	68	3
48/ 47	.0	.3	.7	1.0	.3	.1												184	184	129	20
46/ 45	.1	.5	1.0	1.2	.3	.0												223	223	187	61
44/ 43	.3	1.0	1.4	.9	.2	.0												288	288	215	105
42/ 41	.3	1.9	1.5	.7	.3													346	346	316	182
40/ 39	.6	2.6	1.9	.5	.2													430	430	435	269
38/ 37	.8	3.1	1.7	.3	.0													435	435	495	367
36/ 35	1.1	3.9	2.1	.1														538	538	536	465
34/ 33	2.3	5.4	1.2	.0														663	663	685	671
32/ 31	2.8	5.8	.9	.0														707	707	782	766
30/ 29	2.1	6.0	.7															650	650	675	708
28/ 27	1.5	4.8	.5	.0														515	515	600	622
26/ 25	1.8	4.5	.3															487	487	560	624
24/ 23	1.4	3.5	.2															386	386	443	532
22/ 21	1.7	2.1	.1															291	291	383	474
20/ 19	1.2	1.9	.0															229	229	232	410
18/ 17	1.0	1.0	.0															151	151	204	305
16/ 15	.9	.7																123	123	129	226
14/ 13	.7	.6																97	97	102	168
12/ 11	.5	.3																64	64	73	136
10/ 9	.6	.1																51	51	63	87
8/ 7	.3	.1																25	25	26	88
6/ 5	.2	.0																19	19	21	60
4/ 3	.1																	10	10	11	26
2/ 1	.1																	7	7	7	23

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT UDT APT STATION NAME | 57-66 YEARS | OCT MONTH

PAGE 2 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ -1	.1																	9	9	9	11
-2/ -3	.1																	8	8	8	7
-4/ -5	.0																	1	1	1	10
-6/ -7	.0																	3	3	3	7
-8/ -9																					1
-10/-11																					2
-12/-13	.0																	2	2	2	
-14/-15	.0																	1	1	1	1
-18/-19	.0																	1	1	1	2
-22/-23																					1
TOTAL	23.0	50.3	15.2	6.2	3.1	1.2	.7	.3	.0									7440	7440	7440	7440

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	51046664	608928	81.8	12.748	7440							
Dry Bulb	8675397	242143	32.5	10.335	7440	2.5	383.7	.4				744
Wet Bulb	7540377	227355	30.6	8.926	7440	2.5	433.6					744
Dew Point	6100298	202532	27.2	8.883	7440	4.2	529.7					744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) NOV (MONTH)

ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51						.0												3	3		
50/ 49					.0													2	2		
48/ 47					.0													1	1		
46/ 45					.0													3	3		
44/ 43				.1														6	6		
42/ 41	.0	.0	.1	.1														20	20	6	
40/ 39	.0	.0	.2	.1														25	25	8	5
38/ 37		.1	.4	.1														43	43	16	2
36/ 35		.2	.3	.1														38	38	38	2
34/ 33	.0	1.1	.3															103	103	65	12
32/ 31	.4	1.7	.2															166	166	170	75
30/ 29	1.0	2.0	.1															223	223	226	169
28/ 27	1.5	3.0	.1															328	328	279	240
26/ 25	1.8	3.6																387	387	394	268
24/ 23	1.8	3.1	.0															355	355	381	346
22/ 21	2.0	2.8	.0															345	345	353	375
20/ 19	2.4	2.6																360	360	380	283
18/ 17	1.7	1.9																257	257	286	338
16/ 15	2.3	1.9																297	297	297	293
14/ 13	2.8	2.2																362	362	342	268
12/ 11	3.0	2.1																365	365	373	303
10/ 9	3.0	1.4																313	313	353	330
8/ 7	3.2	.7																276	276	291	300
6/ 5	2.7	.8																253	253	246	320
4/ 3	2.8	1.0																271	271	263	264
2/ 1	2.8	.8																259	259	267	255
0/ -1	3.3	.7																286	286	293	222
-2/ -3	2.8	.7																247	247	240	245
-4/ -5	2.5	.8																233	233	231	269
-6/ -7	1.9	.5																168	168	182	255
-8/ -9	2.1	.4																181	181	186	193
-10/-11	1.9	.3																154	154	157	166
-12/-13	1.8	.2																144	144	143	186
-14/-15	1.8	.2																148	148	148	145

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NWT DOT APT — STATION NAME
57-66 — YEARS
NOV — MONTH

PAGE 2
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-16/-17	1.4	.1																108	108	112	163
-18/-19	1.1	.1																85	85	88	162
-20/-21	1.0	.0																77	77	78	147
-22/-23	.9	.0																65	65	65	100
-24/-25	1.0	.0																73	73	72	91
-26/-27	.8	.0																56	56	55	107
-28/-29	.5																	35	35	37	63
-30/-31	.3																	22	22	22	59
-32/-33	.2																	13	15	13	58
-34/-35	.2																	16	22	16	35
-36/-37																			14		22
-38/-39																			4		13
-40/-41																			2		16
-42/-43																					5
-44/-45																					2
TOTAL	60.6	37.1	1.6	.5	.1	.0													7200		7172
																		7172		7172	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	47795394	582408	81.2	8.354	7172							
Dry Bulb	2422652	65042	9.0	15.966	7200	213.9	695.6					720
Wet Bulb	2233865	62437	8.7	15.353	7172	214.6	706.6					720
Dew Point	2144555	32931	4.6	16.673	7172	273.5	717.9					720

USAFETAC FORM 0 26 5 (A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102	FORT SMITH NWT DOT APT	57-66	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35		.1	.0															7	7	2	
34/ 33		.2	.0															12	12	7	6
32/ 31	.1	.1	.0															14	14	15	9
30/ 29	.0	.2	.1															22	22	15	7
28/ 27	.1	.3	.0															25	25	20	9
26/ 25	.1	.4	.0															38	38	31	20
24/ 23	.2	.7																65	65	58	24
22/ 21	.2	.9																75	75	75	49
20/ 19	.7	.9																118	118	114	45
18/ 17	1.3	.9																163	163	168	110
16/ 15	1.8	1.0																200	200	193	129
14/ 13	2.1	1.1																231	231	240	172
12/ 11	2.4	1.0																241	241	232	209
10/ 9	4.5	1.2																404	404	403	190
8/ 7	4.0	1.0																354	354	366	273
6/ 5	4.9	.9																417	417	419	387
4/ 3	4.4	.9																380	380	380	323
2/ 1	2.9	.9																275	275	273	363
0/ -1	2.9	1.0																278	278	269	308
-2/ -3	2.9	.9																268	268	277	250
-4/ -5	3.5	.9																312	312	317	259
-6/ -7	3.0	.6																260	260	270	256
-8/ -9	3.0	.5																256	256	247	234
-10/-11	3.3	.9																303	303	290	275
-12/-13	3.5	.6																295	295	310	246
-14/-15	3.8	.8																329	329	324	215
-16/-17	3.2	.5																265	265	274	221
-18/-19	3.4	.4																269	269	274	254
-20/-21	3.2	.2																248	248	253	301
-22/-23	2.6	.1																200	200	204	288
-24/-25	2.8	.1																208	208	210	309
-26/-27	2.8	.0																201	201	202	271
-28/-29	2.4	.1																179	180	179	229
-30/-31	1.7	.0																123	123	124	247

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | DEC MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-32/-33	1.1																	81	81	81	216
-34/-35	.8																	60	82	60	182
-36/-37																			96		135
-38/-39																			55		81
-40/-41																			45		45
-42/-43																			19		16
-44/-45																			13		10
-46/-47																			5		2
-48/-49																			1		
-50/-51																			6		
-52/-53																			1		
TOTAL	79.5	20.3	.2																7440		7175
																		7176		7176	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	42908332	551098	76.8	8.852	7172							
Dry Bulb	2098542	-39664	-5.3	15.927	7440	439.9	742.1					744
Wet Bulb	1679588	-30980	-4.3	14.678	7176	431.8	743.1					744
Dew Point	2496467	-68625	-9.6	16.016	7175	502.9	743.4					744

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NGT DAT APT STATION NAME | 57-66 YEARS | JAN MONTH

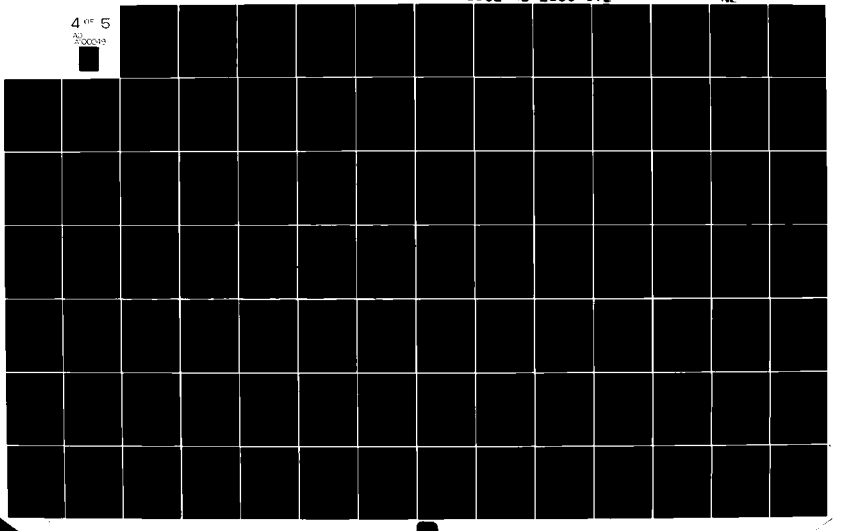
 0000-0200 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41					.3													2	2		
36/ 35				.1														1	1	1	
34/ 33		.4																3	3	2	
32/ 31																				2	1
30/ 29		.3																2	2	1	2
28/ 27		.3																2	2	3	
26/ 25		.1																1	1	2	2
24/ 23	.3	.3																4	4	2	4
22/ 21	.1	.5																5	5	5	3
20/ 19	.3	.3																4	4	6	2
18/ 17	.3	.4																5	5	5	5
16/ 15	.3	.1																3	3	2	6
14/ 13	.4	.3																5	5	5	4
12/ 11	1.4	.5																15	15	14	4
10/ 9	.9	.3																9	9	10	4
8/ 7	1.1	1.0																17	17	12	12
6/ 5	3.0	.8																30	30	32	9
4/ 3	1.[illegible]	.3																15	15	18	8
2/ 1	.8	.6																11	11	8	27
0/ -1	3.6	1.1																38	38	37	19
-2/ -3	3.9	1.8																45	45	47	15
-4/ -5	3.4	.4																30	30	33	22
-6/ -7	3.5	.4																31	31	29	26
-8/ -9	4.4	.8																41	41	40	39
-10/-11	5.0	.4																43	43	45	35
-12/-13	4.1	[illegible]																39	39	37	38
-14/-15	5.0	1.[illegible]																48	48	47	39
-16/-17	4.1	.5																37	37	41	31
-18/-19	3.6	.4																32	32	31	28
-20/-21	5.4	.4																46	46	46	43
-22/-23	5.4	.3																53	53	52	36
-24/-25	4.8	.3																40	40	42	49
-26/-27	3.3	.3																28	28	27	55
-28/-29	4.3	.5																38	38	36	43

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A100 249 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FT SMITH, NORTHWEST TERRITORIES, CANADA, REVISED UNIFORM SUMMAR--ETC( )
JAN 72
UNCLASSIFIED USAFETAC/DS-81/044 SBIE-AD-E850 072 NL



2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT OOT APT STATION NAME | 57-66 YEARS | JAN MONTH

 0000-0200 HOUR G.M.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-30/-31	3.4	.3																29	30	30	36
-32/-33	3.4																	27	28	29	34
-34/-35	2.3																	18	27	18	32
-36/-37																			27		24
-38/-39																			11		27
-40/-41																			23		22
-42/-43																			22		6
-44/-45																			10		1
-46/-47																			9		1
-48/-49																			8		1
-50/-51																			6		
-52/-53																			6		1
-54/-55																					3
TOTAL	14.2	15.4		.1	.3													797	930	797	797

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	433930	58384	73.3	8.854	797							
Dry Bulb	503594	-15050	-16.2	16.731	930	79.6	92.4					93
Wet Bulb	269543	-9671	-12.1	13.827	797	77.8	92.6					93
Dew Point	438360	-14906	-18.2	14.800	797	82.1	93.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION — FORT SMITH NWT DOT APT STATION NAME — 57-66 YEARS — JAN MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37					.1													1	1		
36/ 35					.3													2	2		
32/ 31		.4																3	3		
30/ 29																				5	
28/ 27		.4																3	3	1	2
26/ 25		.3																2	2	4	1
24/ 23	.4	.3																5	5	5	3
22/ 21	.3	.5																6	6	5	5
20/ 19	.1	.1																2	2	3	3
18/ 17																				1	3
16/ 15	.1	.5																5	5	3	3
14/ 13	.3	.5																6	6	7	3
12/ 11	.4	.4																6	6	5	8
10/ 9	.8	1.0																14	14	13	2
8/ 7	1.4	.4																14	14	15	7
6/ 5	2.7	1.1																30	30	27	11
4/ 3	2.0	.8																22	22	22	12
2/ 1	2.4	.3																21	21	24	21
0/ -1	3.2	.6																30	30	30	24
-2/ -3	4.2	1.4																44	44	40	22
-4/ -5	4.2	.4																36	36	39	24
-6/ -7	3.8	.6																35	35	35	33
-8/ -9	4.4	1.3																47	47	42	36
-10/-11	4.8	.5																42	42	48	27
-12/-13	3.5	.4																31	31	32	46
-14/-15	4.9	.5																43	43	43	37
-16/-17	4.1	.1																33	33	33	33
-18/-19	3.4	.4																30	30	29	39
-20/-21	3.9	.1																32	32	34	39
-22/-23	4.3																	34	34	34	24
-24/-25	6.1	.4																51	51	49	41
-26/-27	5.3	.3																44	44	45	28
-28/-29	4.9																	39	39	40	32
-30/-31	4.3	.3																36	36	36	56

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NWT OUT APT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-32/-33	2.8	.1																23	23	22	42
-34/-35	2.0	.1																17	25	18	38
-36/-37																			24		29
-38/-39																			19		29
-40/-41																			18		19
-42/-43																			18		2
-44/-45																			19		2
-46/-47																			10		1
-48/-49																			9		2
-50/-51																			4		
-52/-53																			1		
-54/-55																			8		
TOTAL	35.0	14.6			.4													789	927	789	789

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4389601	58467	74.1	8.508	789							
Dry Bulb	518300	-15324	-16.5	16.916	927	78.8	92.7					93
Wet Bulb	267083	-9647	-12.2	13.757	789	76.5	93.0					93
Dew Point	424989	-14249	-18.1	14.560	789	83.1	93.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NWT DOT APT — STATION NAME
57-66 — YEARS
JAN — MONTH

0600-0800 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37			.1															1	1		
36/ 35		.3		.1														3	3	1	
34/ 33																				2	
32/ 31				.3														2	2		1
30/ 29	.1																	1	1	2	2
28/ 27																					1
26/ 25		.3																2	2	2	
24/ 23	.5	.4																7	7	7	1
22/ 21		.1																1	1	3	4
20/ 19	.1	.3																3	3	1	2
18/ 17	.3	.5																6	6	6	4
16/ 15	.1	.5																5	5	4	2
14/ 13	.4	.3																5	5	8	3
12/ 11	.4	.5																7	7	3	8
10/ 9	.8	1.1																15	15	14	5
8/ 7	1.6	.5																17	17	20	4
6/ 5	2.5	.1																21	21	23	11
4/ 3	2.3	.9																25	25	22	22
2/ 1	2.3	.4																21	21	24	21
0/ -1	2.1	.8																23	23	20	19
-2/ -3	4.1	1.3																43	43	43	21
-4/ -5	6.3	.8																56	56	53	22
-6/ -7	4.4	1.1																44	44	44	21
-8/ -9	3.6	.6																34	34	38	41
-10/-11	3.5	.5																32	32	30	44
-12/-13	3.4	.3																29	29	32	40
-14/-15	3.9	.5																35	35	35	42
-16/-17	3.5																	28	28	29	31
-18/-19	4.5	.5																40	40	39	32
-20/-21	4.6	.3																39	39	38	22
-22/-23	4.6	.6																42	42	43	34
-24/-25	3.6	.3																31	31	32	41
-26/-27	5.1	.1																42	42	41	35
-28/-29	6.6	.1																54	54	54	33

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DUT APT STATION NAME | 57-66 YEARS | JAN MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-30/-31	3.8	.5																34	35	34	38
-32/-33	3.1																	25	25	26	46
-34/-35	3.0																	24	30	24	44
-36/-37																			28		39
-38/-39																			25		23
-40/-41																			11		25
-42/-43																			8		5
-44/-45																			10		6
-46/-47																			16		
-48/-49																			8		1
-50/-51																			6		
-52/-53																			5		
-54/-55																			7		1
TOTAL	15.3	14.2	.1	.4														797	928	797	797

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4366336	58582	73.5	8.711	797							
Dry Bulb	519960	-15360	-16.6	16.931	928	78.8	92.6					93
Wet Bulb	280647	-9973	-12.5	13.993	797	76.4	92.6					93
Dew Point	447327	-14755	-18.5	14.792	797	82.4	93.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT UOT APT STATION NAME | 57-66 YEARS | JAN MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41				.1														1	1		
40/ 39			.2															2	2		
36/ 35																				3	
32/ 31				.1														1	1		2
30/ 29			.1															1	1		1
28/ 27			.1															1	1		
26/ 25		.5	.1															5	5	2	
24/ 23		.4																3	3	5	
22/ 21																				4	
20/ 19	.1																	1	1	1	
18/ 17	.1	.2																3	3	2	6
16/ 15	.2	.6																7	7	7	3
14/ 13	.3	1.1																13	13	9	6
12/ 11	.2	.5																6	6	7	8
10/ 9	1.0	1.2																18	18	15	7
8/ 7	1.6	1.2																23	23	24	5
6/ 5	2.0	.9																23	23	26	8
4/ 3	1.2	.4																15	15	17	19
2/ 1	1.7	1.0																22	22	19	28
0/ -1	2.2	1.3																29	29	26	21
-2/ -3	3.3	1.0																51	51	54	14
-4/ -5	4.6	.7																45	45	45	27
-6/ -7	4.9	.6																45	45	45	32
-8/ -9	3.3	.2																29	29	32	45
-10/-11	3.7	.2																32	32	31	36
-12/-13	3.4	.7																34	34	33	39
-14/-15	3.8	.6																36	36	37	40
-16/-17	4.9	.1																41	41	42	26
-18/-19	4.4	.5																40	40	39	37
-20/-21	4.5	.1																38	38	39	30
-22/-23	5.3	.2																47	47	48	30
-24/-25	3.9	.2																34	34	34	47
-26/-27	4.3	.2																37	37	36	35
-28/-29	4.7	.1																39	39	39	46

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 75 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | JAN MONTH

0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-30/-31	5.4																	44	44	45	31
-32/-33	3.7	.2																32	32	31	36
-34/-35	2.1																	17	26	18	45
-36/-37																			19		43
-38/-39																			14		28
-40/-41																			21		23
-42/-43																			18		4
-44/-45																			8		5
-46/-47																			6		2
-48/-49																			8		
-50/-51																			4		
-52/-53																			4		
-54/-55																			4		
TOTAL	83.	615.	6 .0	.2														815	930	815	815

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4392906	39496	73.0	7.808	815							
Dry Bulb	485947	-14751	-15.9	16.469	930	78.5	92.7					93
Wet Bulb	279068	-10100	-12.4	13.750	815	76.9	92.7					93
Dew Point	448876	-15056	-18.5	14.483	815	82.4	93.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

PAGE 1 1200-1400 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43				.1														1	1		
42/ 41			.1	.1														2	2		
38/ 37																				3	
34/ 33				.2														2	2		
32/ 31				.1														1	1		1
30/ 29																					2
28/ 27		.1	.1															2	2	2	
26/ 25		.6	.1															6	6	3	
24/ 23		.1																1	1	6	
22/ 21																				1	1
20/ 19		.2																2	2	1	4
18/ 17	.2	.4																6	6	4	6
16/ 15	1.0	.4																13	13	15	2
14/ 13	.2	.4																6	6	4	9
12/ 11	.2	.4																6	6	5	6
10/ 9	1.6	1.1																24	24	22	8
8/ 7	2.2	.7																26	26	31	1
6/ 5	2.1	1.6																33	33	31	16
4/ 3	1.7	.8																22	22	21	27
2/ 1	2.6	.7																29	29	31	30
0/ -1	2.0	.8																25	25	22	24
-2/ -3	3.7	.9																41	41	42	19
-4/ -5	4.6	1.3																53	53	49	31
-6/ -7	5.4	.8																55	55	62	35
-8/ -9	3.9	1.1																41	41	38	38
-10/-11	4.4	1.3																51	51	48	42
-12/-13	4.4	.6																44	44	48	51
-14/-15	4.3	1.2																49	49	49	33
-16/-17	4.0	.3																39	39	41	34
-18/-19	4.5	.6																45	45	44	44
-20/-21	3.9	.2																37	37	37	41
-22/-23	5.7																	51	51	53	35
-24/-25	4.5																	40	40	40	55
-26/-27	3.6	.2																34	34	34	47

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | JAN MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	4.3	.3																41	41	38	36
-30/-31	4.5	.2																42	43	43	51
-32/-33	1.8																	16	16	18	45
-34/-35	.8	.1																8	13	8	36
-36/-37																			10		43
-38/-39																			10		19
-40/-41																			1		15
-42/-43																			6		3
-44/-45																			2		3
-46/-47																			1		1
TOTAL	11.4	17.7	.3	.6															930		894
																		894		894	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4696263	64351	72.0	8.480	894							
Dry Bulb	324262	-11052	-11.9	14.411	930	74.8	92.5					93
Wet Bulb	768692	-9876	-11.0	13.368	894	74.3	92.7					93
Dew Point	451244	-15582	-17.4	14.184	894	81.2	93.0					93

USAFETAC FORM 0 26 5 (OL A) JUL 66 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 — STATION

FORT SMITH NWT DOT APT — STATION NAME

57-66 — YEARS

JAN — MONTH

PAGE 1

1500-1700 — HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
42/ 41				.1	.1													2	2			
40/ 39					.1													1	1			
36/ 35																				2		
34/ 33																				1		
30/ 29			.1	.1														2	2			
28/ 27			.2	.1														3	3			
26/ 25		.6																5	5	3	2	
24/ 23		.3																3	3	8	1	
22/ 21	.1	.2																3	3	5	1	
20/ 19		.8																7	7	4	8	
18/ 17	.3	.2																5	5	7	3	
16/ 15	.8	.1																8	8	8	7	
14/ 13	.2	.4																6	6	6	11	
12/ 11	.6	.7																11	11	7	5	
10/ 9	.9	.7																14	14	18	1	
8/ 7	2.6	.7																29	29	23	12	
6/ 5	2.4	1.2																32	32	33	11	
4/ 3	1.6	1.5																27	27	25	24	
2/ 1	1.9	.4																21	21	26	27	
0/ -1	2.0	1.3																30	30	26	23	
-2/ -3	4.3	.9																46	46	48	17	
-4/ -5	3.7	.8																40	40	40	35	
-6/ -7	4.0	.9																44	44	45	25	
-8/ -9	4.7	1.0																51	51	52	49	
-10/-11	4.9	.9																52	52	48	36	
-12/-13	4.6	1.2																52	52	52	47	
-14/-15	3.8	.9																42	42	44	29	
-16/-17	5.0	.7																51	51	51	35	
-18/-19	4.1	.4																41	41	41	53	
-20/-21	4.1	.4																41	41	43	47	
-22/-23	3.1	.7																34	34	31	32	
-24/-25	4.1	.2																39	39	42	39	
-26/-27	4.1	.1																38	38	39	39	
-28/-29	3.6	.2																34	34	34	39	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION — FORT SMITH NWT OUT APT STATION NAME — 57-66 YEARS — JAN MONTH

PAGE 2 — 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-30/-31	4.0	.1																37	37	37	47
-32/-33	2.8																	25	25	25	35
-34/-35	1.8																	16	20	16	34
-36/-37																			15		37
-38/-39																			7		29
-40/-41																			3		20
-42/-43																			4		5
-44/-45																			4		4
-46/-47																			1		2
-48/-49																					1
TOTAL	10.4	18.7	.3	.3	.2													892	930	892	892

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4072779	64037	71.9	8.893	891							
Dry Bulb	334144	-11172	-12.0	14.670	930	75.1	92.7					93
Wet Bulb	274674	-9910	-11.1	13.591	892	74.4	92.7					93
Dew Point	462437	-13649	-17.5	14.523	892	81.2	93.0					93

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102	FORT SMITH NWT DOT APT	57-66	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
40/ 39			.1															1	1		
38/ 37			.1															1	1		
36/ 35			.1	.1														2	2	1	
34/ 33			.1															1	1	2	
32/ 31		.1																1	1	1	1
30/ 29		.2																2	2	2	2
28/ 27		.2																2	2	3	
26/ 25		.4																3	3	2	3
24/ 23		.1																1	1	3	2
22/ 21	.1	.2																3	3	1	6
20/ 19	.4	.1																4	4	5	1
18/ 17	.5	.2																6	6	6	1
16/ 15	.7	.2																8	8	9	4
14/ 13	.6	.5																9	9	6	6
12/ 11	1.2	.1																11	11	14	11
10/ 9	.5	.7																10	10	5	9
8/ 7	1.1	.8																16	16	18	9
6/ 5	2.7	.7																28	28	28	2
4/ 3	1.7	.4																17	17	17	16
2/ 1	2.2	.7																24	24	26	27
0/ -1	3.3	.8																34	34	30	18
-2/ -3	3.6	1.0																38	38	38	15
-4/ -5	3.6	.6																35	35	39	24
-6/ -7	4.2	.8																42	42	41	27
-8/ -9	5.5	.6																51	51	52	41
-10/-11	3.7	.7																37	37	35	34
-12/-13	5.5	1.1																55	55	53	41
-14/-15	3.6	.2																32	32	35	40
-16/-17	4.9	.6																46	46	44	34
-18/-19	5.1	.7																48	48	49	41
-20/-21	5.4	.6																50	50	50	46
-22/-23	4.9	.1																42	42	44	39
-24/-25	3.3	.1																28	28	29	50
-26/-27	3.9	.4																35	35	33	37

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION — FORT SMITH NWT DOT APT STATION NAME — 57-66 YEARS — JAN MONTH

PAGE 2 — 1800-2000 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	4.3	.1																37	37	39	54
-30/-31	4.2	.1																36	36	36	41
-32/-33	2.2	.2																20	21	18	28
-34/-35	1.7																	14	20	16	38
-36/-37																			28		46
-38/-39																			19		19
-40/-41																			15		8
-42/-43																			11		3
-44/-45																			6		4
-46/-47																			8		2
-48/-49																			4		
-50/-51																			2		
TOTAL	14.8	14.8	.5	.1															930		830
																		830		830	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4499985	60733	73.2	8.220	830							
Dry Bulb	426962	-13520	-14.5	15.749	930	78.0	92.5					93
Wet Bulb	264563	-9665	-11.6	13.542	830	76.3	92.7					93
Dew Point	433774	-14726	-17.7	14.425	830	81.8	93.0					93

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

20102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) JAN (MONTH)

PAGE 1 2100-2300 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39				.1														1	1		
38/ 37			.1															1	1		
36/ 35		.4	.1															4	4	3	
34/ 33																				2	2
32/ 31																				1	1
30/ 29		.3																2	2		
28/ 27		.5																4	4	5	2
26/ 25		.5																4	4	2	2
24/ 23	.4	.1																4	4	6	5
22/ 21		.1																1	1	1	4
20/ 19																				1	2
18/ 17		.4																3	3	2	2
16/ 15	.3																	2	2	3	1
14/ 13	1.0	.6																13	13	11	3
12/ 11	1.0	.4																11	11	11	2
10/ 9	.6	.5																9	9	9	13
8/ 7	1.0	1.4																19	19	15	5
6/ 5	2.4	1.1	.1															29	29	31	11
4/ 3	2.0	.5																20	20	22	11
2/ 1	1.4	.5																15	15	15	28
0/ -1	3.6	1.9																44	44	35	21
-2/ -3	3.1	.8																31	31	40	17
-4/ -5	2.9	1.3																33	33	32	25
-6/ -7	3.9	.6																36	36	36	30
-8/ -9	4.6	1.3																47	47	47	36
-10/-11	5.0	.4																43	43	43	22
-12/-13	3.3	.9																33	33	35	46
-14/-15	5.1	.8																47	47	46	35
-16/-17	4.3	.5																38	38	38	31
-18/-19	5.0	.4																43	43	43	42
-20/-21	5.6	.3																47	48	47	40
-22/-23	4.3	.1																35	35	36	39
-24/-25	4.4	.1																36	36	37	51
-26/-27	5.1	.3																43	44	41	48

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | JAN MONTH

PAGE 2 | 2100-2300 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	3.0	.5																28	28	28	33
-30/-31	4.5	.1																37	38	39	44
-32/-33	3.0	.1																25	26	25	34
-34/-35	1.3	.1																11	15	11	21
-36/-37																			28		42
-38/-39																			28		27
-40/-41																			22		14
-42/-43																			15		2
-44/-45																			11		1
-46/-47																			7		
-48/-49																			5		1
-50/-51																			4		
-52/-53																			3		1
-54/-55																					1
-56/-57																					1
TOTAL	12.0	17.5	.4	.1														799	930	799	799

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4158504	58624	73.4	8.463	799							
Dry Bulb	478293	-14551	-15.6	16.425	930	78.8	92.4					93
Wet Bulb	261368	-9428	-11.8	13.716	799	76.7	92.4					93
Dew Point	424976	-14230	-17.8	14.662	799	82.1	92.8					93

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION — FORT SMITH NWT DUT APT STATION NAME — 57-66 YEARS — FEB MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35		.1																1	1		
34/ 33		.1																1	1	1	
32/ 31		.1	.1															2	2	1	
30/ 29		.4	.1	.1														5	5	2	2
28/ 27	.3	.1																3	3	6	1
26/ 25		.1																1	1	2	6
24/ 23		.7																5	5	1	1
22/ 21	.4	1.1																11	11	13	1
20/ 19	.9	1.7																20	20	16	3
18/ 17	1.4	1.6																23	23	28	15
16/ 15	1.3	.5																14	14	15	21
14/ 13	1.6	.7																17	17	13	22
12/ 11	1.4	.5																15	15	18	17
10/ 9	.9	1.7																20	20	12	14
8/ 7	1.6	.8																18	18	24	13
6/ 5	2.5	1.1																27	27	24	12
4/ 3	.9	.9																14	14	16	21
2/ 1	1.7	.5																17	17	18	17
0/ -1	3.6	.3																29	29	31	17
-2/ -3	4.9	1.2																46	46	43	21
-4/ -5	5.5	.7																47	47	50	22
-6/ -7	2.4	.5																22	22	23	31
-8/ -9	2.5	.7																24	24	21	42
-10/-11	3.3	.3																27	27	29	26
-12/-13	2.8	.3																23	23	25	33
-14/-15	3.9	.5																34	34	34	29
-16/-17	2.6	.4																29	29	21	22
-18/-19	4.3	.8																39	39	38	25
-20/-21	6.1	.3																48	48	51	28
-22/-23	4.1																	31	31	31	25
-24/-25	3.6	.3																29	29	27	29
-26/-27	5.4																	41	41	43	49
-28/-29	4.5	.1																35	35	34	33
-30/-31	2.2	.4																20	20	20	27

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | FEB MONTH

 0000-0200 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-32/-33	2.5	.3																21	24	21	43
-34/-35	.4																	7	10	8	26
-36/-37																			16		28
-38/-39																			15		15
-40/-41																			15		12
-42/-43																			16		5
-44/-45																			9		4
-46/-47																			5		1
-48/-49																			3		1
-50/-51																			1		
TOTAL	10.0	19.6	.3	.1														760	846	760	760

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4331698	57010	75.0	8.528	760							
Dry Bulb	384878	-9644	-11.4	18.038	846	62.8	83.8					84
Wet Bulb	241261	-6345	-8.3	15.750	760	60.8	83.9					84
Dew Point	366217	-10615	-14.0	16.946	760	65.7	84.0					84

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT ONT APT STATION NAME | 57-66 YEARS | FEB MONTH

 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39	.3																	2	2	2	1
38/ 37			.1															1	1		1
34/ 33																				1	
30/ 29		.1																1	1		1
28/ 27	.1	.3	.3															5	5	3	1
26/ 25	.1	.3																3	3	4	2
24/ 23		.5																4	4	3	3
22/ 21	.4	.7																8	8	8	1
20/ 19	.8	1.4																16	16	14	4
18/ 17	1.1	1.1																16	16	17	12
16/ 15	2.3	1.1																25	25	25	15
14/ 13	1.5	.7																16	16	15	17
12/ 11	1.4	.7																15	15	19	23
10/ 9	1.5	.7																16	16	15	11
8/ 7	2.4	.9																25	25	21	23
6/ 5	2.2	.9																23	23	27	17
4/ 3	1.4	.5																14	14	12	12
2/ 1	2.2	.3																18	18	22	16
0/ -1	3.5	.5																30	30	27	16
-2/ -3	3.4	2.0																40	40	32	19
-4/ -5	3.9	1.1																37	37	44	26
-6/ -7	3.5	.7																31	31	32	24
-8/ -9	4.2	.7																36	36	37	35
-10/-11	2.0																	15	15	17	32
-12/-13	3.3	.4																27	27	25	36
-14/-15	3.3	.1																25	25	26	33
-16/-17	3.9	.7																34	34	32	21
-18/-19	3.1	.5																27	27	29	26
-20/-21	4.3	.1																34	34	34	17
-22/-23	6.2	.1																47	47	47	28
-24/-25	4.1																	30	30	31	29
-26/-27	3.7	.5																31	31	28	34
-28/-29	3.5	.3																28	28	30	42
-30/-31	3.4	.1																26	26	26	32

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26 5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | FEB MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-32/-33	2.7																	20	20	21	33
-34/-35	1.4																	10	15	10	27
-36/-37	.3																	2	26	2	26
-38/-39																			17		18
-40/-41																			12		15
-42/-43																			20		3
-44/-45																			13		3
-46/-47																			11		1
-48/-49																			3		
-50/-51																					1
-52/-53																			1		
TOTAL	1.4	18.2	.4															846		737	
																		738		738	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4216930	55270	75.3	8.671	734							
Dry Bulb	420544	-10586	-12.5	18.464	846	63.3	83.7					84
Wet Bulb	235487	-6303	-8.5	15.700	738	60.3	83.7					84
Dew Point	356083	-10379	-14.1	16.888	737	65.8	83.8					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NWT UCT APT — STATION NAME
57-66 — YEARS
FEB — MONTH
PAGE 1
0600-0800 — HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39		.1																1	2		
38/ 37	.1																	1	1	2	2
36/ 35	.1																	1	1	1	
34/ 33																					1
30/ 29		.4																3	3	2	
28/ 27	.3																	2	2	3	5
26/ 25	.1																	1	1	1	
24/ 23	.4	.1																4	4	3	1
22/ 21	.1	.3																5	5	3	3
20/ 19	.7	.8																11	11	12	3
18/ 17	1.4	1.2																19	19	16	5
16/ 15	1.9	1.9																28	28	26	13
14/ 13	1.4	.7																15	15	21	19
12/ 11	.3	.1																3	3	3	25
10/ 9	2.3	1.4																27	27	23	11
8/ 7	1.6	1.1																20	20	21	9
6/ 5	2.0	1.6																27	27	26	17
4/ 3	1.8	.1																14	14	18	16
2/ 1	2.7	.7																25	25	22	25
0/ -1	4.2	1.0																38	38	38	16
-2/ -3	1.8	.7																18	18	21	24
-4/ -5	4.6	1.5																45	45	40	30
-6/ -7	3.5	1.1																34	35	37	17
-8/ -9	2.7	1.0																27	28	25	39
-10/-11	2.7	.3																22	22	27	28
-12/-13	2.0	.5																19	19	18	25
-14/-15	3.8	.5																32	32	31	34
-16/-17	3.7	.5																31	31	31	20
-18/-19	4.1	.4																33	33	34	23
-20/-21	4.0	.3																31	31	31	21
-22/-23	2.9	.3																23	23	23	24
-24/-25	5.3	.3																41	41	41	33
-26/-27	3.8	.1																42	42	43	36
-28/-29	3.5	.1																27	27	27	24

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | FEB MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-30/-31	3.7																	27	28	27	38
-32/-33	2.7	.1																21	21	21	36
-34/-35	1.8	.3																15	22	15	35
-36/-37	.1																	1	16	1	25
-38/-39																			13		24
-40/-41																			18		14
-42/-43																			14		3
-44/-45																			19		4
-46/-47																			8		1
-48/-49																			8		
-50/-51																			3		3
-52/-53																			3		
-54/-55																					1
TOTAL	10.1	19.9																734	846	734	733

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4161543	54801	74.8	9.385	733							
Dry Bulb	435990	-11066	-13.1	18.565	846	63.3	83.6					84
Wet Bulb	240475	-6675	-9.1	15.661	734	60.8	83.7					84
Dew Point	373469	-10817	-14.8	17.092	733	66.2	83.7					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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26102 STATION | FORT SMITH NAT DOT APT STATION NAME | 57-66 YEARS | FEB MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39				.3														2	2		
38/ 37		.1																1	1	1	
36/ 35																					1
34/ 33																				2	
32/ 31		.1																1	1		
30/ 29		.3	.1															3	3	2	1
28/ 27	.1	.4																4	4	2	1
26/ 25	.1	.4	.1															5	5	5	3
24/ 23	.1	.8	.1															8	8	5	4
22/ 21	.3	.9																9	9	11	4
20/ 19	.6	1.0	.1															14	14	15	3
18/ 17	1.1	1.0	.1															18	18	17	12
16/ 15	.8	1.1																15	15	15	18
14/ 13	1.4	.9																18	18	20	13
12/ 11	1.1	.8																15	15	16	20
10/ 9	1.1	1.0																17	17	15	14
8/ 7	2.6	.8																27	27	29	12
6/ 5	2.3	.9																25	25	26	16
4/ 3	1.8	.8																20	20	17	23
2/ 1	2.4	1.0																27	27	26	21
0/ -1	2.8	1.3																32	32	31	19
-2/ -3	3.4	.8																33	33	36	21
-4/ -5	3.6	1.8																43	43	39	20
-6/ -7	3.9	1.0																39	39	42	36
-8/ -9	3.5	.8																34	34	35	36
-10/-11	2.9	.5																27	27	27	34
-12/-13	3.0	.9																31	31	33	36
-14/-15	3.0	1.4																35	35	31	30
-16/-17	3.3	.8																32	32	35	29
-18/-19	3.0	.8																30	30	29	28
-20/-21	4.1	.8																39	39	39	27
-22/-23	6.0	.6																53	53	53	30
-24/-25	4.6	.3																39	39	42	34
-26/-27	3.9	.3																33	33	33	43

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NWT OUT APT (STATION NAME) 57-66 (YEARS) FEB (MONTH)

PAGE 2 0900-1100 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	2.8	.3																24	24	24	34
-30/-31	2.8	.4																25	25	23	49
-32/-33	1.1	.1																10	11	12	37
-34/-35	1.3																	10	17	10	23
-36/-37	.1																	1	8	1	27
-38/-39																			5		13
-40/-41																			11		12
-42/-43																			6		5
-44/-45																			5		7
-46/-47																			4		2
-48/-49																			1		
-54/-55																					1
TOTAL	74.7	24.4	.6	.3														799	846	799	799

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4313668	58168	72.9	9.614	798							
Dry Bulb	318395	-8251	-9.8	16.786	846	51.3	83.7					84
Wet Bulb	240198	-6600	-8.3	13.254	799	60.5	83.7					84
Dew Point	386799	-11529	-14.4	16.619	799	66.5	83.9					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NWT DOT APT — STATION NAME
57-66 — YEARS
FEB — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41			.1															1	1		
40/ 39			.1	.5														5	5		
38/ 37				.2														2	2	1	
36/ 35				.2														2	2	1	
34/ 33		.2	.2															4	4	4	2
32/ 31		.2	.5	.1														7	7	5	
30/ 29		.1	.4															4	4	5	
28/ 27		1.0	.4															11	11	6	2
26/ 25	.1	.7	.2															9	9	13	3
24/ 23	.2	.8	.6															14	14	13	13
22/ 21	.2	1.2																12	12	13	12
20/ 19	.6	.8																12	12	18	11
18/ 17	1.3	1.3																22	22	16	13
16/ 15	.6	1.1																14	14	18	21
14/ 13	.8	1.0																15	15	15	22
12/ 11	1.0	1.3																19	19	20	9
10/ 9	1.1	2.0																26	26	22	13
8/ 7	1.5	1.3																24	24	28	19
6/ 5	1.7	1.9																30	30	25	17
4/ 3	2.6	1.3																33	33	38	22
2/ 1	2.0	2.7																40	40	36	27
0/ -1	3.2	1.0																35	35	41	23
-2/ -3	3.7	1.7																45	45	38	26
-4/ -5	3.6	2.0																47	47	49	30
-6/ -7	4.2	1.7																49	49	51	44
-8/ -9	3.1	1.0																34	34	35	44
-10/-11	3.9	1.3																44	44	44	36
-12/-13	3.0	1.2																35	35	36	38
-14/-15	4.0	1.8																49	49	47	40
-16/-17	4.5	.5																42	42	46	36
-18/-19	5.7	.8																55	55	54	41
-20/-21	3.8	.5																36	36	37	32
-22/-23	3.1	.4																29	29	30	43
-24/-25	1.4	.1																13	13	14	40

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NAT OOT APT STATION NAME | 57-66 YEARS | FEB MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-26/-27	.6	.1																6	6	6	43
-28/-29	.5	.1																5	5	5	41
-30/-31	.2																	2	2	2	29
-32/-33	.5																	4	4	4	23
-34/-35	.6																	5	7	5	9
-36/-37																			1		6
-38/-39																			2		3
-40/-41																					3
-42/-43																					1
-44/-45																					2
-48/-49																					2
TOTAL	3.4	3.1	2.5	1.1															846		841
																		841		841	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4305591	59553	70.8	10.265	841							
Dry Bulb	202708	-2834	-3.3	15.121	846	53.6	82.6					84
Wet Bulb	185888	-3086	-3.7	14.416	841	54.3	83.4					84
Dew Point	299921	-8765	-10.4	15.758	841	63.4	83.8					84

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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26102 FT SMITH (AT POST APT) 57-66 FEB

STATION NUMBER STATION NAME YEARS MONTH

PAGE 1 1500-1700

HOURS L.S.T.

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41			.1		.1													2	2		
40/ 39			.1	.2														3	3		
38/ 37				.5														4	4	1	
36/ 35			.1	.2														3	3	2	
34/ 33		.1	.2	.1														4	4	3	1
32/ 31		.6	.2															7	7	8	1
30/ 29		.4	.7															9	9	9	2
28/ 27		.1	.7	.1														8	8	4	3
26/ 25	.1	1.2	.8															16	16	11	6
24/ 23	.1	.8	.2															10	10	18	9
22/ 21	.4	1.1	.1															13	13	12	11
20/ 19	.9	.7																14	14	19	17
18/ 17	1.1	.6																14	14	18	19
16/ 15	1.1	1.8																24	24	18	19
14/ 13	1.3	1.2																21	21	20	16
12/ 11	1.7	1.4																26	26	31	19
10/ 9	.8	1.3																18	18	16	13
8/ 7	2.5	1.5																34	34	31	22
6/ 5	2.3	1.5																32	32	34	19
4/ 3	2.1	1.7																32	32	31	27
2/ 1	2.4	3.0																45	45	39	26
0/ -1	3.1	2.3																45	45	52	22
-2/ -3	3.3	1.8																43	43	42	39
-4/ -5	2.8	1.8																39	39	40	37
-6/ -7	1.9	1.7																30	30	36	43
-8/ -9	4.9	1.4																53	53	47	44
-10/-11	4.9	2.0																58	58	59	29
-12/-13	3.2	1.2																37	37	37	33
-14/-15	5.1	.7																49	49	53	41
-16/-17	5.0	.9																50	50	48	41
-18/-19	3.9	.4																36	36	39	43
-20/-21	2.1	.2																20	20	21	41
-22/-23	2.4	.2																22	22	21	33
-24/-25	.6																	5	5	6	38

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | FEB MONTH

PAGE 2 | 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-26/-27	.5																	4	4	4	43
-28/-29	.1																	1	1	1	30
-30/-31	.1	.1																2	2	1	22
-32/-33	.9	.2																10	10	11	13
-34/-35	.1																	1	1	1	6
-36/-37																			1		3
-38/-39																			1		3
-40/-41																					2
-42/-43																					1
-44/-45																					1
-46/-47																					3
-50/-51																					3
TOTAL	61.8	33.9	3.2	1.2	.1														846		844
																		844		844	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4330812	59782	70.8	10.691	844							
Dry Bulb	189135	-1411	-1.7	14.868	846	50.3	82.4					84
Wet Bulb	174630	-1804	-2.1	14.233	844	51.7	83.4					84
Dew Point	276913	-7493	-8.9	15.798	844	61.1	83.9					84

USAFETAC FORM 0-26-5 (OL-A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | FEB MONTH

PAGE 1 | 1800-2000 HOURS G. S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35			.2															2	2		
34/ 33		.1	.4															4	4	1	
32/ 31		.5	.1															5	5	2	
30/ 29		.4	.1															4	4	8	1
28/ 27	.2	.5																6	6	7	5
26/ 25	.1	.2	.1															4	4	4	6
24/ 23		.7	.1															7	7	3	5
22/ 21	.5	1.5	.1															17	17	15	4
20/ 19	.6	1.2																15	15	18	9
18/ 17	1.5	1.0																20	20	22	12
16/ 15	1.3	1.6																24	24	20	13
14/ 13	1.2	1.0																18	18	24	30
12/ 11	1.6	1.5																25	25	22	19
10/ 9	1.0	1.1																17	17	16	17
8/ 7	1.5	1.3																23	23	23	22
6/ 5	2.1	1.3																28	28	30	16
4/ 3	1.9	1.3																27	27	24	21
2/ 1	3.3	2.4																47	47	47	26
0/ -1	2.4	1.2																30	30	32	18
-2/ -3	3.5	1.0																37	37	40	27
-4/ -5	2.2	.7																24	24	24	40
-6/ -7	3.0	.5																29	29	29	38
-8/ -9	3.5	.5																33	33	35	28
-10/-11	3.0	.4																28	28	26	28
-12/-13	3.9	1.3																43	43	39	35
-14/-15	4.5	.4																40	40	46	23
-16/-17	3.9	.8																39	39	34	24
-18/-19	2.8	1.1																32	32	33	33
-20/-21	4.6	.5																42	42	45	41
-22/-23	2.4	1.0																28	28	28	33
-24/-25	3.6	.4																33	33	33	31
-26/-27	2.7	.4																25	25	25	40
-28/-29	3.0	.1																26	26	26	25
-30/-31	1.8																	15	15	16	30

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 FORT SMITH NWT DOT APT 57-66 FEB

STATION NAME YEARS MONTH

PAGE 2 1800-2000 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-32/-33	1.6	.1																14	14	14	31
-34/-35	1.6																	13	13	13	33
-36/-37																			10		17
-38/-39																			6		18
-40/-41																			3		11
-42/-43																					5
-44/-45																			1		5
-46/-47																					2
-48/-49																			2		2
TOTAL	70.9	27.9	1.2																846		824
																		824		824	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Ob	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4521176	60546	73.5	9.377	824							
Dry Bulb	274330	-5758	-6.8	16.681	846	54.9	83.4					84
Wet Bulb	236581	-5183	-6.3	15.743	824	54.8	83.9					84
Dew Point	367437	-10125	-12.3	17.184	824	63.0	84.0					84

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 — STATION

FORT SMITH NWT OUT APT — STATION NAME

57-66 — YEARS

FEB — MONTH

PAGE 1

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
34/ 33		.1	.1															2	2		
32/ 31		.4	.4															6	6	1	
30/ 29		.4																3	3	5	
28/ 27	.1	.5																5	5	7	5
26/ 25	.1	.3																3	3	5	5
24/ 23	.3	.4	.3															7	7	4	6
22/ 21	.3	1.0																10	10	10	3
20/ 19	1.3	1.9																25	25	15	3
18/ 17	.8	1.3																15	15	27	13
16/ 15	1.9	.9																22	22	21	14
14/ 13	1.5	.8																17	17	16	31
12/ 11	1.2	.9																16	16	14	17
10/ 9	1.0	.9																15	15	21	17
8/ 7	1.4	.4																14	14	14	14
6/ 5	3.1	.8																29	29	27	13
4/ 3	3.2	1.7																38	38	31	14
2/ 1	2.7	.6																26	26	31	27
0/ -1	2.4	1.8																33	33	29	21
-2/ -3	3.5	1.0																35	35	40	32
-4/ -5	4.0	1.0																39	39	38	30
-6/ -7	1.8	1.2																23	23	25	24
-8/ -9	2.7	.4																24	24	25	31
-10/-11	3.3	1.0																34	34	30	36
-12/-13	2.7	.8																27	27	30	23
-14/-15	4.0	.1																32	32	34	27
-16/-17	3.8	.1																31	31	31	21
-18/-19	3.6	.4																31	31	30	35
-20/-21	5.2																	41	41	42	34
-22/-23	4.9	.6																43	43	41	25
-24/-25	3.8	.4																33	33	33	37
-26/-27	3.6	.4																31	31	32	32
-28/-29	3.3	.1																27	27	28	33
-30/-31	1.8	.3																16	16	16	34
-32/-33	2.6																	20	20	20	34

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | FEB MONTH

2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-34/-35	1.0																	8	12	8	31
-36/-37	.1																	1	13	1	22
-38/-39																			20		24
-40/-41																			14		7
-42/-43																			7		4
-44/-45																			4		2
-46/-47																			1		
-48/-49																			2		
TOTAL	76.7	22.5	.8															782	846	782	781

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4416543	58353	74.7	8.371	781							
Dry Bulb	340345	-8047	-9.5	17.669	846	58.9	83.8					84
Wet Bulb	236809	-5721	-7.3	15.799	782	57.3	84.0					84
Dew Point	356474	-10112	-12.9	17.005	781	64.4	84.0					84

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NWT DOT APT — STATION NAME
57-66 — YEARS
MAR — MONTH
PAGE 1
0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47				.1														1	1		
46/ 45				.2														2	2		
42/ 41																				2	
40/ 39																				1	
38/ 37		.1	.4															5	5		
36/ 35		.5	.4	.1														10	10	3	1
34/ 33		.4	.7															10	10	7	2
32/ 31	.2	.8	.5															14	14	12	7
30/ 29	.1	.1	.2															4	4	15	9
28/ 27	.7	.9	.1															15	15	11	14
26/ 25	.3	1.0	.2															14	14	14	8
24/ 23		2.2	.1															21	21	12	10
22/ 21	.4	2.2																24	24	30	14
20/ 19	.5	2.0																23	23	21	17
18/ 17	1.5	2.5																37	37	38	27
16/ 15	1.4	1.4																26	26	35	25
14/ 13	2.1	2.7																44	44	38	24
12/ 11	1.2	2.8																37	37	35	38
10/ 9	2.2	2.1																39	39	42	30
8/ 7	1.2	2.2																31	31	28	28
6/ 5	3.9	1.4																49	49	35	37
4/ 3	2.1	1.3																31	31	30	36
2/ 1	2.1	1.2																30	30	31	44
0/ -1	2.8	.8																33	33	38	37
-2/ -3	2.6	.8																31	31	30	30
-4/ -5	2.7	.8																32	32	32	33
-6/ -7	3.3	.9																38	38	38	34
-8/ -9	3.7	.9																42	42	39	31
-10/-11	2.8	.7																32	32	36	25
-12/-13	4.5	.8																48	48	47	34
-14/-15	2.4	.5																27	27	26	32
-16/-17	2.8	.7																32	32	34	35
-18/-19	2.7	.1																26	26	28	38
-20/-21	2.5	.3																26	26	24	31

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | MAR MONTH

PAGE 2 | 0000-0200 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-22/-23	2.1	.2																21	21	21	33
-24/-25	2.6	.2																26	26	26	38
-26/-27	.7																	6	6	8	26
-28/-29	1.4	.2																15	15	14	13
-30/-31	1.0																	9	9	10	23
-32/-33	.7																	6	6	6	15
-34/-35	.2																	2	3	2	14
-36/-37																			4		10
-38/-39																			2		14
-40/-41																			3		2
-42/-43																			1		
TOTAL	01.4	35.5	2.7	.4														919	930	919	919

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5292617	69267	75.4	8.845	919							
Dry Bulb	270692	508	.5	17.061	930	46.3	90.2					93
Wet Bulb	239211	443	.5	16.135	919	46.4	91.7					93
Dew Point	296698	-4638	-5.0	17.254	919	55.5	92.7					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NAT DUT APT (STATION NAME) 57-66 (YEARS) MAR (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43			.1	.2														3	3		
40/ 39																				3	
36/ 35		1.0	.1															10	10		
34/ 33		.4	.2															6	6	9	3
32/ 31	.1	.9	.3															12	12	7	4
30/ 29		.9	.2															10	10	14	9
28/ 27	.1	.7																7	7	9	9
26/ 25	.3	1.3																15	15	12	15
24/ 23	.1	1.3																13	13	17	8
22/ 21	.1	1.8	.1															18	18	13	11
20/ 19	.2	2.5																25	25	19	9
18/ 17	1.2	2.4	.1															34	34	38	17
16/ 15	1.3	2.3																33	33	30	29
14/ 13	2.1	1.2																30	30	35	34
12/ 11	2.2	2.3																41	41	39	25
10/ 9	2.0	3.0																45	45	50	36
8/ 7	2.2	1.5																34	34	32	22
6/ 5	2.2	2.9																46	46	41	36
4/ 3	3.2	1.0																38	38	48	44
2/ 1	2.3	.8																28	28	28	36
0/ -1	2.6	.4																28	28	32	42
-2/ -3	2.2	1.1																30	30	28	33
-4/ -5	2.4	.6																27	27	25	37
-6/ -7	2.8	.3																28	28	31	30
-8/ -9	3.3	.4																34	34	32	29
-10/-11	4.3	.8																46	46	45	19
-12/-13	4.2	1.0																47	47	48	32
-14/-15	3.0	.2																29	29	31	30
-16/-17	2.9	.6																31	31	28	21
-18/-19	2.5	.6																28	28	29	43
-20/-21	2.1																	19	19	22	41
-22/-23	2.2	.2																22	22	20	33
-24/-25	2.2																	20	20	22	34
-26/-27	2.3																	21	21	21	23

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NAT DOT APT STATION NAME | 57-66 YEARS | MAR MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	1.7																	15	15	15	18
-30/-31	1.4	.2																15	15	14	16
-32/-33	1.5																	14	14	15	20
-34/-35	.8																	7	8	7	13
-36/-37																			6		13
-38/-39																			7		14
-40/-41																			4		14
-42/-43																			1		4
-44/-45																			2		1
-46/-47																					2
TOTAL	64.0	34.5	1.2	.2														909	930	909	909

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5310320	69032	75.9	8.644	909							
Dry Bulb	290953	-1319	-1.4	17.640	930	48.2	91.1					93
Wet Bulb	247292	-912	-1.0	16.472	909	47.6	91.8					93
Dew Point	320987	-5801	-6.4	17.684	909	57.5	92.7					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102	FORT SMITH NWT DOT APT	57-66	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 0600-0800 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
44/ 43				.2														2	2		
42/ 41				.1														1	1		
40/ 39																				1	
38/ 37																				2	
36/ 35	.1	.6	.1															7	7	2	
34/ 33		.8	.1															8	8	4	3
32/ 31	.1	1.3																13	13	13	3
30/ 29		1.1	.1															11	11	10	11
28/ 27		.3																3	3	10	14
26/ 25	.3	.6																8	8	7	8
24/ 23	.6	.7																11	11	12	7
22/ 21	.1	1.3																13	13	10	6
20/ 19	.6	1.9																22	22	18	15
18/ 17	1.6	3.0																41	41	39	7
16/ 15	2.3	2.5																44	44	42	19
14/ 13	1.7	2.3																36	36	34	38
12/ 11	1.4	1.4																26	26	38	36
10/ 9	3.4	1.6																45	45	40	33
8/ 7	2.2	1.8																36	36	38	36
6/ 5	2.7	1.9																41	41	36	31
4/ 3	3.0	2.0																45	45	50	39
2/ 1	2.8	.8																32	32	33	35
0/ -1	2.5	1.2																34	34	39	35
-2/ -3	2.4	.3																25	25	24	34
-4/ -5	2.4	.3																25	25	27	44
-6/ -7	3.1	.4																32	32	30	24
-8/ -9	3.7	.7																39	39	38	32
-10/-11	3.7	.8																40	40	40	29
-12/-13	3.0	.3																30	30	32	24
-14/-15	4.0	.4																40	40	39	28
-16/-17	3.0	.8																32	32	32	34
-18/-19	2.0	.2																20	20	21	33
-20/-21	2.9	.1																27	27	28	38
-22/-23	1.7																	15	15	15	37

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT OUT APT STATION NAME | 57-66 YEARS | MAR MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-24/-25	1.9	.2																19	19	19	29
-26/-27	1.3																	12	12	12	19
-28/-29	1.8	.1																17	18	17	23
-30/-31	2.0	.3																21	22	20	6
-32/-33	1.4	.1																14	14	14	14
-34/-35	1.7																	15	15	16	17
-36/-37																			8		17
-38/-39																			10		14
-40/-41																			2		12
-42/-43																			3		6
-44/-45																			1		11
-46/-47																			2		1
TOTAL	57.3	32.0	.3	.3														902	930	902	902

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5263382	68402	75.8	9,197	902							
Dry Bulb	299289	-1905	-2.0	17.831	930	48.5	91.2					93
Wet Bulb	247181	-1177	-1.3	16.512	902	47.7	92.1					93
Dew Point	329773	-6077	-6.7	17.904	902	57.8	92.7					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NAT ORT APT (STATION NAME) 57-66 (YEARS) MAR (MONTH)

PAGE 1 0900-1100 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47					.2													2	2		
46/ 45					.1													1	1		
44/ 43				.1														1	1		
42/ 41			.1															1	1		
40/ 39			.2	.2	.1													5	5	2	
38/ 37		.3	.6	.2														11	11	3	
36/ 35		.4	.5	.1														10	10	12	
34/ 33		1.0	.3	.1														13	13	7	4
32/ 31		.8	.1															8	8	16	7
30/ 29	.1	.2	.4															7	7	12	12
28/ 27	.1	1.5	.8															22	22	6	16
26/ 25		1.9	1.0															27	27	21	8
24/ 23	.3	1.3	1.0															24	24	28	14
22/ 21	.1	1.9	.5															24	24	22	16
20/ 19	.4	3.2	.2															36	36	36	19
18/ 17	1.0	4.5	.1															52	52	46	20
16/ 15	1.2	3.1																40	40	56	28
14/ 13	1.4	2.7																38	38	41	42
12/ 11	1.7	2.7	.1															42	42	37	48
10/ 9	1.6	2.6																39	39	43	38
8/ 7	2.3	2.5																44	44	45	44
6/ 5	1.0	2.7																34	34	36	43
4/ 3	2.4	2.5																45	45	42	43
2/ 1	2.1	1.6																34	34	39	22
0/ -1	1.9	1.8																35	35	36	36
-2/ -3	1.7	2.1																35	35	38	45
-4/ -5	2.3	2.2																41	41	41	28
-6/ -7	3.3	1.7																47	47	46	34
-8/ -9	2.7	1.0																34	34	33	29
-10/-11	3.1	1.2																40	40	44	42
-12/-13	2.2	1.8																37	37	30	40
-14/-15	1.2	1.0																20	20	24	37
-16/-17	1.3	1.0																21	21	23	27
-18/-19	.6	.3																9	9	13	35

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | MAR MONTH

PAGE 2 | 0900-1100 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-20/-21	.8	.3																10	10	10	32
-22/-23	1.1	.1																11	11	11	20
-24/-25	.3	.1																8	8	9	21
-26/-27	1.0	.1																10	10	10	20
-28/-29		.2																2	2	2	11
-30/-31	.4																	4	4	5	13
-32/-33	.1																	1	1	1	12
-34/-35	.1																	1	1	1	6
-36/-37																			2		5
-38/-39																			2		3
-40/-41																					4
-44/-45																					2
TOTAL	40.3	52.9	6.0	.8	.4													926	930	926	926

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4808903	65939	71.2	11.077	926							
Dry Bulb	254952	4880	5.2	15.712	930	37.0	88.6					93
Wet Bulb	222645	4183	4.5	14.841	926	37.8	90.6					93
Dew Point	250376	-1884	-2.0	16.326	926	50.4	92.6					93

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

261-02 STATION | FORT SMITH NAT GUT APT STATION NAME | 57-66 YEARS | MAR MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49					.1													1	1		
48/ 47					.2													2	2		
46/ 45				.1	.1													2	2		
44/ 43			.2	.4	.4	.1												11	11	1	
42/ 41			.1	.8	.3													11	11		
40/ 39			.2	.8	.3													12	12	7	
38/ 37		.3	.4	.3	.1													11	11	7	
36/ 35		.2	.8	.3														12	12	16	1
34/ 33		.4	.9	.3	.1													16	16	17	6
32/ 31		.5	1.7	.5														26	26	19	2
30/ 29		1.1	1.7	.5														31	31	22	17
28/ 27		1.7	1.5															30	30	25	22
26/ 25		1.8	1.6															32	32	44	21
24/ 23	.1	2.3	1.4	.1														36	36	37	26
22/ 21	.2	4.2	1.2															52	52	41	25
20/ 19	.2	2.9	1.5															43	43	53	28
18/ 17	.4	3.0	.6															38	38	39	41
16/ 15	.4	4.0	.4															45	45	49	45
14/ 13	.8	3.3	.3															41	41	47	45
12/ 11	1.3	4.0	.2															51	51	48	39
10/ 9	1.8	3.1	.1															47	47	63	40
8/ 7	.9	3.9	.1															45	45	37	51
6/ 5	1.1	2.7																35	35	44	46
4/ 3	1.9	2.8																44	44	48	56
2/ 1	1.6	2.8																41	41	40	36
0/ -1	1.0	2.6																33	33	32	47
-2/ -3	1.7	2.7																41	41	38	32
-4/ -5	2.6	1.4																37	37	49	34
-6/ -7	1.3	1.3																24	24	22	33
-8/ -9	1.1	2.0																29	29	21	36
-10/-11	.9	.6																14	14	24	41
-12/-13	.9	.6																14	14	13	34
-14/-15	.4	.4																8	8	10	28
-16/-17	.3	.2																5	5	6	17

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | MAR MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
-18/-19	.4	.1																5	5	6	21
-20/-21	.1	.1																2	2	2	15
-22/-23	.2																	2	2	2	8
-24/-25	.1																	1	1	1	12
-26/-27																					8
-28/-29																					9
-30/-31																					5
-32/-33																					3
TOTAL	21.7	57.2	15.1	4.2	1.7	.1													930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4398297	63017	67.8	11.750	930							
Dry Bulb	335045	11480	12.3	14,426	930	21.5	85.2					93
Wet Bulb	272177	9999	10.8	13.314	930	22.6	88.2					93
Dew Point	207484	3174	3.4	14.549	930	38.3	92.3					93

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NWT DOT APT — STATION NAME
57-66 — YEARS
MAR — MONTH

PAGE 1 — 1500-1700 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53					.2													2	2		
52/ 51					.1													1	1		
48/ 47					.1													1	1		
46/ 45				.2	.2													4	4	2	
44/ 43			.1	.4	.4													9	9	1	
42/ 41				1.1	.5	.1												16	16		
40/ 39			.6	.5	.9													19	19	6	
38/ 37		.2	.4	.6	.1													13	13	8	1
36/ 35	.1	.1	1.0	1.0	.1													21	21	22	6
34/ 33		.2	1.3	.5														19	19	18	1
32/ 31		.9	1.6	.3														26	26	26	6
30/ 29	.1	1.4	1.8	.1														32	32	31	12
28/ 27	.2	2.2	1.9	.1														41	41	38	19
26/ 25	.1	1.8	1.3	.1														31	31	39	34
24/ 23	.2	2.6	1.3															38	38	38	32
22/ 21	.5	3.2	1.5															49	49	46	35
20/ 19	.2	3.8	1.8															54	54	43	28
18/ 17	.5	3.9	.8															48	48	62	49
16/ 15	.6	3.0	.2															36	36	51	43
14/ 13	.8	4.2	.5															51	51	48	45
12/ 11	1.4	4.2	.1															53	53	57	46
10/ 9	.6	3.8	.1															42	42	45	46
8/ 7	.9	2.7	.1															34	34	43	52
6/ 5	2.2	3.2	.1															51	51	45	58
4/ 3	1.3	1.9																30	30	39	41
2/ 1	1.4	2.9																40	40	34	37
0/ -1	1.3	2.7																37	37	44	50
-2/ -3	1.3	2.0																31	31	25	33
-4/ -5	2.4	1.6																37	37	50	24
-6/ -7	.8	1.1																17	17	14	39
-8/ -9	1.4	.6																19	19	25	43
-10/-11	.3	.6																9	9	9	29
-12/-13	.2																	2	2	4	27
-14/-15	.4	.4																8	8	7	20

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NAT DOT APT STATION NAME | 57-66 YEARS | MAR MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-16/-17	.5	.1																6	6	6	22
-18/-19	.1	.1																2	2	2	8
-20/-21	.1																	1	1	2	12
-22/-23																					3
-24/-25																					11
-26/-27																					10
-28/-29																					3
-30/-31																					2
-32/-33																					2
-34/-35																					1
TOTAL	20.0	55.5	16.7	5.1	2.7	.1												930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4338866	62410	67.1	12.736	930							
Dry Bulb	382571	13567	14.6	14.098	930	16.9	82.5					93
Wet Bulb	305364	11874	12.8	12.863	930	18.8	87.3					93
Dew Point	210877	4909	5.3	14.110	930	33.9	92.2					93

USAFETAC FORM 0-26 5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 — STATION

FORT SMITH NWT DOT APT — STATION NAME

57-66 — YEARS

MAR — MONTH

PAGE 1

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47				.1														1	1		
46/ 45			.1		.1	.1												3	3		
44/ 43			.1	.4														5	5		
42/ 41			.1	.4	.2													7	7	2	
40/ 39			.4	.6	.3													13	13	2	
38/ 37		.1	.5	.5	.1													12	12	8	
36/ 35		.4	.8	.2														13	13	11	3
34/ 33		.6	.9	.5														19	19	17	3
32/ 31		.3	.9															11	11	20	6
30/ 29	.2	1.0	.5															16	16	21	12
28/ 27		2.5	1.2															34	34	25	23
26/ 25	.6	3.0	.9															42	42	35	18
24/ 23	.3	1.8	.9															28	28	35	29
22/ 21	.3	2.3	.4															28	28	28	36
20/ 19	1.0	4.2	.8															55	55	45	28
18/ 17	.5	4.0	.3															45	45	49	30
16/ 15	.8	3.2	.4															41	41	47	42
14/ 13	1.0	2.8																35	35	40	35
12/ 11	1.7	3.0																44	44	46	38
10/ 9	1.4	2.6	.2															39	39	45	45
8/ 7	1.1	2.8	.1															37	37	37	42
6/ 5	2.0	2.0																38	38	43	38
4/ 3	2.0	1.9																37	37	38	39
2/ 1	2.2	1.5																34	34	34	39
0/ -1	2.6	1.9																42	42	43	33
-2/ -3	2.4	1.3																34	34	38	44
-4/ -5	3.8	1.7																51	51	47	37
-6/ -7	2.7	1.1																35	35	37	40
-8/ -9	1.8	.9																25	25	28	35
-10/-11	1.6	.5																20	20	19	39
-12/-13	1.3	.5																17	17	20	30
-14/-15	1.6	.3																18	18	19	31
-16/-17	1.2	.2																13	13	13	26
-18/-19	1.0	.2																11	11	10	17

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NWT DOT APT — STATION NAME
57-66 — YEARS
MAR — MONTH

1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-20/-21	1.0	.1																10	10	10	13
-22/-23	.5																	5	5	6	20
-24/-25	.5	.1																6	6	5	15
-26/-27	.3																	3	3	4	14
-28/-29	.2																	2	2	2	9
-30/-31	.1																	1	1	1	6
-32/-33																					3
-34/-35																					4
-36/-37																					3
-38/-39																					3
-42/-43																					1
-44/-45																					1
TOTAL	47.7	49.0	9.5	2.9	.8	.1												930		930	
																		930		930	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4904232	66708	71.7	11.334	930							
Dry Bulb	309399	8831	9.5	15.588	930	29.3	85.7					93
Wet Bulb	263577	7743	8.3	14.640	930	30.2	89.0					93
Dew Point	239238	1820	2.0	15.792	930	42.4	92.4					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NWT DOT APT — STATION NAME
57-66 — YEARS
MAR — MONTH
PAGE 1
2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51					.1													1	1		
44/ 43			.1															1	1	1	
42/ 41			.2	.2														4	4		
40/ 39			.3	.1	.1													5	5	2	
38/ 37			.6	.2														8	8	1	
36/ 35		.5	.6	.2														13	13	8	3
34/ 33	.3	.4	.4															11	11	15	1
32/ 31		.4	.8	.1														12	12	12	6
30/ 29	.1	.3	.5															9	9	11	18
28/ 27	.3	1.6	.2															20	20	12	15
26/ 25	.3	2.5	.8															33	33	30	3
24/ 23	.2	2.2																22	22	24	19
22/ 21	.5	2.7	.1															31	31	36	19
20/ 19	.6	2.6	.1															31	31	29	35
18/ 17	.6	2.3	.1															28	28	34	23
16/ 15	1.5	3.2	.1															45	45	41	36
14/ 13	1.5	2.6	.1															39	39	40	30
12/ 11	.9	3.0																36	36	34	30
10/ 9	2.5	2.9																50	50	56	35
8/ 7	1.4	1.7																29	29	36	36
6/ 5	1.3	1.7																28	28	24	41
4/ 3	1.1	1.6																25	25	28	48
2/ 1	2.4	1.4																35	35	35	30
0/ -1	3.1	1.4																42	42	43	10
-2/ -3	3.0	2.2																48	48	46	33
-4/ -5	3.6	1.3																45	45	48	37
-6/ -7	3.1	1.3																41	41	41	40
-8/ -9	2.6	.9																32	32	34	43
-10/-11	3.2	.4																34	34	34	48
-12/-13	2.4	.6																28	28	27	30
-14/-15	1.5	.1																15	15	18	37
-16/-17	2.7	.1																26	26	26	36
-18/-19	2.9	.2																29	29	28	25
-20/-21	1.6	.2																17	17	19	24

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | MAR MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-22/-23	1.0	.1																10	10	10	21
-24/-25	1.8	.2																19	19	19	24
-26/-27	1.1																	10	10	10	26
-28/-29	.8	.3																10	10	8	14
-30/-31																				2	14
-32/-33	.4																	4	4	4	15
-34/-35	.1																	1	1	1	9
-36/-37																			1		5
-38/-39																			2		4
-40/-41																					1
-42/-43																					1
-44/-45																					1
-46/-47																					1
TOTAL	50.6	43.1	5.2	.9	.2														930		927
																		927		927	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5180641	68721	74.1	9.646	927							
Dry Bulb	274006	3866	4.2	16.663	930	41.4	88.7					93
Wet Bulb	244439	3277	3.5	15.858	927	41.9	90.3					93
Dew Point	271386	-2076	-2.2	16.972	927	50.1	92.6					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23102	FORT SMITH NAT DAT APT	57-66	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 49						.1												1	1		
48/ 47						.1												1	1		
46/ 45					.6													5	5		
44/ 43				.2	.2													4	4		
42/ 41		.1	.8	.9														16	16		
40/ 39		.6	.2	.7	.1													14	14	8	
38/ 37		1.8	2.0	1.3	.1													47	47	17	4
36/ 35	.2	3.1	2.8	1.4														68	68	38	6
34/ 33	1.1	2.9	2.7	.6	.1													66	66	61	20
32/ 31	.3	4.7	2.3	.4	.1													71	71	80	51
30/ 29	.1	3.7	3.0															61	61	79	52
28/ 27	.2	6.7	1.4	.1														76	76	69	56
26/ 25	.3	3.2	1.0															41	41	79	54
24/ 23	.8	4.9	1.1															61	61	55	80
22/ 21	1.0	2.9	.9															43	43	58	67
20/ 19	.3	3.2	.8															39	39	40	69
18/ 17	.6	2.7	.1															30	30	40	46
16/ 15	.1	1.9	.1															19	19	28	50
14/ 13	.8	1.6	.1															22	22	23	32
12/ 11	.8	2.1																26	26	19	39
10/ 9	1.0	2.3																30	30	32	32
8/ 7	.8	1.6																21	21	30	24
6/ 5	1.2	1.4																24	24	21	21
4/ 3	1.0	.8																16	16	22	18
2/ 1	1.3	1.1																22	22	19	33
0/ -1	1.3	1.0																21	21	24	20
-2/ -3	.7	.2																8	8	11	16
-4/ -5	1.1	.3																13	13	11	25
-6/ -7	.7	.1																7	7	8	18
-8/ -9	.8	.1																8	8	8	21
-10/-11	.7																	6	6	7	12
-12/-13	.7																	6	6	6	10
-14/-15	.2	.1																3	3	3	7
-16/-17																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | APR MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-18/-19	.2																	2	2	2	3
-20/-21	.1																	1	1	1	3
-22/-23	.1																	1	1	1	3
-24/-25																					3
-26/-29																					1
TOTAL	18.6	55.0	19.2	5.7	1.2	.2													900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5193901	67641	75.2	11.073	900							
Dry Bulb	603925	19985	22.2	13.347	900	7.6	67.8					90
Wet Bulb	513145	18365	20.4	12.407	900	8.2	77.6					90
Dew Point	368169	13775	15.3	13.229	900	14.6	87.0					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) APR (MONTH)

 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47							.1											1	1		
46/ 45					.1	.1												2	2		
44/ 43			.1	.4	.1													6	6		
42/ 41			.7	.1														7	7		
40/ 39		.4	.3	.6														12	12	2	
38/ 37		.6	.9	.3														16	16	18	3
36/ 35	.2	3.1	2.6	.6														58	58	13	3
34/ 33	1.1	3.2	1.4	.1														53	53	55	19
32/ 31	1.2	4.4	2.4	.3														76	76	72	43
30/ 29	.4	4.1	1.4	.2														56	56	67	51
28/ 27	.8	5.3	1.8															71	71	66	47
26/ 25	1.0	4.4	1.8															65	65	75	53
24/ 23	.8	4.8	.3															53	53	56	69
22/ 21	1.0	2.8	.3															37	37	67	60
20/ 19	.6	3.2	.3															37	37	33	56
18/ 17	1.1	3.6	.1															43	43	41	47
16/ 15	.9	2.2																28	28	44	54
14/ 13	1.0	1.4																22	22	26	39
12/ 11	1.2	2.2																31	31	26	42
10/ 9	.9	1.6																22	22	29	34
8/ 7	.8	1.9																24	24	23	35
6/ 5	1.8	1.1																26	26	29	17
4/ 3	1.1	.4																14	14	17	23
2/ 1	1.6	.9																22	22	21	17
0/ -1	1.1	1.0																19	19	14	29
-2/ -3	1.3	1.0																21	21	22	19
-4/ -5	1.8	.3																19	19	24	13
-6/ -7	.9	.2																10	10	11	19
-8/ -9	.7	.4																10	10	9	20
-10/-11	.7	.1																7	7	8	27
-12/-13	.8																	7	7	7	12
-14/-15	1.3																	12	12	12	11
-16/-17	.6	.1																6	6	5	6
-18/-19	.3	.1																4	4	4	12

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION — FORT SMITH NWT DOT APT STATION NAME — 57-66 YEARS — APR MONTH

PAGE 2 — 0300-0500 HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-20/-21	.1																1	1	2	6
-22/-23	.1	.1															2	2	2	7
-24/-25																				4
-26/-27																				1
-40/-41																				1
-44/-45																				1
TOTAL	27.1	55.2	14.6	2.7	.2	.1	.1										900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5458768	69486	77.2	10.225	900							
Dry Bulb	524312	17554	19.5	14.226	900	11.8	74.5					90
Wet Bulb	456769	16277	18.1	13.440	900	12.0	81.2					90
Dew Point	347905	12015	13.4	14.442	900	18.8	87.5					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION — FORT SMITH NWT DOT APT STATION NAME — 57-66 YEARS — APR MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61								.1										1	1		
54/ 53						.1												1	1		
52/ 51							.1											1	1		
50/ 49							.1											1	1		
48/ 47				.1														1	1	1	
46/ 45				.2	.1	.1												4	4		
44/ 43			.1	.3	.2													6	6	1	
42/ 41		.1	.3	.7	.4													14	14	1	
40/ 39		.3	.9	.7	.2													19	19	6	
38/ 37		1.0	1.1	1.0	.2													30	30	14	4
36/ 35	.1	3.7	3.4	.6														70	70	35	4
34/ 33	.7	2.0	3.1		.1													53	53	64	22
32/ 31	.9	5.2	1.9	.1														73	73	70	42
30/ 29	.2	5.0	.9	.3														58	58	81	51
28/ 27	.4	4.9	1.8	.1														65	65	61	68
26/ 25	.8	5.3	1.6															69	69	68	72
24/ 23	.3	3.0	.7															36	36	64	60
22/ 21	.7	2.8	.3															34	34	44	57
20/ 19	.4	2.9	.2															32	32	37	48
18/ 17	.4	3.0	.4															35	35	33	52
16/ 15	.2	2.7																26	26	30	36
14/ 13	1.0	1.8																25	25	36	31
12/ 11	1.2	1.8																27	27	23	49
10/ 9	1.0	2.0																27	27	27	21
8/ 7	.4	2.1																23	23	24	37
6/ 5	1.2	1.7																26	26	29	20
4/ 3	2.1	1.3																31	31	33	22
2/ 1	1.2	1.2																22	22	23	24
0/ -1	1.1	.8																17	17	19	25
-2/ -3	1.2	.6																16	16	17	27
-4/ -5	1.1	.6																15	15	15	18
-6/ -7	.8	.2																9	9	10	28
-8/ -9	.6	.6																10	10	9	16
-10/-11	.4																	4	4	6	16

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 — STATION

FORT SMITH NWT DOT APT — STATION NAME

57-66 — YEARS

APR — MONTH

PAGE 2

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-12/-13	.3	.1																4	4	4	14
-14/-15	.2																	2	2	2	10
-16/-17	.9																	8	8	8	4
-18/-19	.3	.1																4	4	4	5
-20/-21	.1																	1	1	1	5
-22/-23																					5
-24/-25																					6
-34/-35																					1
TOTAL	20.0	36.7	16.8	4.1	1.3	.2	.2	.1										900			900
																		900		900	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5189932	67616	75.1	11.062	900							
Dry Bulb	577801	18933	21.0	14.131	900	9.0	69.9					90
Wet Bulb	490642	17368	19.3	13.151	900	9.5	77.8					90
Dew Point	359125	12731	14.1	14.112	900	18.0	87.0					90

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 FORT SMITH NWT DOT APT 57-66 APR

STATION NAME YEARS MONTH

PAGE 1 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
70/ 69										.1								1	1		
68/ 67										.1								1	1		
62/ 61								.1	.1									2	2		
60/ 59								.1										1	1		
58/ 57						.1			.1									2	2		
56/ 55						.2	.1	.1										4	4		
54/ 53						.4	.2	.1										7	7		
52/ 51					.2	.1	.1											4	4	2	
50/ 49					.3	.1	.2											6	6	1	
48/ 47				.1	1.0	.4												14	14	1	
46/ 45				.3	1.1	.4												17	17	4	
44/ 43		.1	.3	2.0	1.6	.3												39	39	8	
42/ 41		.1	1.7	2.2	1.7													51	51	15	
40/ 39		.4	1.8	3.3	.4													54	54	28	1
38/ 37	.1	1.3	3.3	1.9	.2													62	62	53	3
36/ 35		1.7	4.2	1.1														63	63	72	17
34/ 33	.1	2.7	3.0	.7														58	58	86	28
32/ 31	.3	2.7	3.6	.6														64	64	90	47
30/ 29	.1	2.0	3.9	.2														56	56	62	74
28/ 27	.3	3.0	2.7	.1														55	55	63	87
26/ 25	.1	2.0	1.8	.2														37	37	64	69
24/ 23		2.1	1.4															32	32	43	63
22/ 21	.1	1.8	.8															24	24	31	74
20/ 19	.2	2.3	.8															30	30	33	74
18/ 17	.1	1.9	.4															22	22	29	38
16/ 15	.2	2.3	.6															28	28	26	36
14/ 13	.4	2.7	.1															29	29	32	27
12/ 11	.1	3.1	.3															32	32	29	24
10/ 9	.9	2.6																31	31	37	32
8/ 7	.4	2.3	.2															27	27	29	32
6/ 5		1.6																14	14	22	28
4/ 3	.3	.9																11	11	12	28
2/ 1	.3	.4																7	7	12	22
0/ -1	.3	.2																5	5	5	22

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT OUT APT STATION NAME | 57-66 YEARS | APR MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-7/ -3	.2	.1																3	3	3	23
-4/ -5	.3																	3	3	4	15
-6/ -7	.1																	1	1	1	10
-8/ -9																					7
-10/-11	.1																	1	1	1	7
-12/-13																					3
-14/-15	.1																	1	1	1	3
-16/-17	.1																	1	1	1	3
-18/-19																					1
-20/-21																					1
-24/-25																					1
TOTAL	5.7	40.3	30.9	12.8	6.6	2.2	.7	.4	.2	.2									900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4087981	59535	66.2	12.906	900							
Dry Bulb	876778	25550	28.4	12.979	900	1.5	51.4	.2				90
Wet Bulb	680584	22608	25.1	11.195	900	1.6	63.0					90
Dew Point	417271	16199	18.0	11.825	900	9.6	85.1					90

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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26102 — STATION

FORT SMITH NWT OOT APT — STATION NAME

57-66 — YEARS

APR — MONTH

PAGE 1

1200-1400 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73											.1							1	1		
72/ 71											.2							2	2		
66/ 65										.2								2	2		
64/ 63									.1									1	1		
60/ 59								.6		.3								8	8		
58/ 57						.2	.3											5	5		
56/ 55						.6	.3	.2										10	10		
54/ 53					.1	.6	.7	.1										13	13	3	
52/ 51					.2	.8	.2											11	11		
50/ 49				.8	1.2	.6	.1											24	24	1	
48/ 47				.8	1.6	.9	.1											30	30	5	
46/ 45			.4	1.3	3.6	.8												55	55	15	
44/ 43		.2	.1	2.7	3.1	.8												62	62	20	
42/ 41		.4	.9	2.9	3.2	.4												71	71	48	
40/ 39		.8	1.4	1.8	1.7	.1												52	52	49	2
38/ 37		.9	1.3	3.0	.7													53	53	76	14
36/ 35	.1	1.4	3.3	1.8														60	60	86	33
34/ 33	.2	1.2	3.2	1.6														56	56	79	32
32/ 31	.1	1.9	2.6	.8														48	48	90	52
30/ 29		1.6	1.4	.3														30	30	66	66
28/ 27	.2	2.0	1.9	.4														41	41	52	83
26/ 25		1.8	2.3	.2														39	39	33	90
24/ 23	.2	2.4	1.3	.1														37	37	37	102
22/ 21	.2	1.1	1.2															23	23	43	58
20/ 19	.2	2.2	1.7															37	37	28	68
18/ 17	.1	1.4	1.4															27	27	32	45
16/ 15	.1	2.0	.3															22	22	30	24
14/ 13	.6	2.0	.7															29	29	34	31
12/ 11	.2	1.6	.3															19	19	22	29
10/ 9	.6	1.0	.1															15	15	26	29
8/ 7	.2	.6																7	7	12	30
6/ 5	.1	.1																2	2	4	26
4/ 3	.1	.1																2	2	2	26
2/ 1	.2																	2	2	3	17

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | APR MONTH

 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
0/ -1		.1																1	1		13
-2/ -3																				1	9
-4/ -5		.1																1	1		12
-6/ -7		.1																1	1	1	2
-8/ -9																				1	3
-10/-11	.1																	1	1	1	1
-12/-13																					1
-18/-19																					2
TOTAL	3.	7.	27.	1	26.	1	18.	4	15.	3	5.	7	1.	8	.9	.1	.0	.3				900		900		900
																		900		900	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3560655	54993	61.1	14.930	900							
Dry Bulb	1142202	30008	33.3	12.553	900	.4	38.4	.3	.1			90
Wet Bulb	842235	25961	28.8	10.191	900	.4	51.8					90
Dew Point	476232	18492	20.5	10.349	900	4.3	81.9					90

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2 PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | APR MONTH

 1500-1700 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73												.1						1	1		
72/ 71											.1							1	1		
68/ 67										.1								1	1		
66/ 65										.2								2	2		
64/ 63										.1								1	1		
60/ 59							.2	.4		.1								7	7		
58/ 57						.1	.2	.2	.2									7	7		
56/ 55					.2	.6	.8	.7										20	20		
54/ 53				.1	.1	.6	.3	.1										11	11		
52/ 51				.1	.9	1.0												18	18	1	
50/ 49				.2	1.0	.8	.7											24	24	1	
48/ 47			.1	.3	2.7	2.2	.6											53	53	12	
46/ 45			.3	1.3	2.6	1.3												50	50	14	
44/ 43		.1	1.0	2.2	3.7	1.2	.1											75	75	25	1
42/ 41		.8	.8	2.3	2.2	.9												63	63	46	2
40/ 39		.3	1.4	3.1	1.9	.3												64	64	65	5
38/ 37	.1	.9	2.2	4.4	.3													72	72	86	16
36/ 35	.1	.6	1.8	.9	.4													34	34	84	23
34/ 33	.3	2.1	2.2	.7	.1													49	49	100	39
32/ 31		1.7	1.8	.4	.1													36	36	90	59
30/ 29		1.4	1.4	.3	.1													30	30	45	60
28/ 27		1.8	2.6	.6														44	44	36	85
26/ 25		2.0	2.8	.2														45	45	35	83
24/ 23	.2	1.4	1.9															32	32	45	101
22/ 21		1.0	2.6															32	32	43	63
20/ 19		1.3	1.7															27	27	28	52
18/ 17	.1	1.4	1.0															23	23	38	51
16/ 15	.2	1.6	1.2															27	27	25	41
14/ 13	.3	1.9	.2															22	22	29	33
12/ 11	.1	1.0	.1															11	11	24	31
10/ 9	.2	.3	.1															6	6	11	29
8/ 7	.3	.6																8	8	11	28
6/ 5		.1																1	1	2	27
4/ 3																					19

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION — FORT SMITH NWT DOT APT STATION NAME — 57-66 YEARS — APR MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 1																					22
0/ -1																					11
-2/ -3	.1	.1																2	2	1	9
-4/ -5	.1																	1	1	2	4
-6/ -7																					1
-8/ -9																					3
-10/-11																					1
-12/-13																					1
TOTAL	2.3	22.4	27.2	17.3	16.3	9.0	2.9	1.4	.2	.6	.1	.1						900	900	900	900

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3312352	52728	58.6	15.757	900							
Dry Bulb	1234928	31488	35.0	12.175	900	.3	34.7	.3	.1			90
Wet Bulb	892197	26955	30.0	9.718	900	.3	46.5					90
Dew Point	484302	18850	20.9	9.978	900	3.0	81.4					90

USAFETAC FORM 0 26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT OUT APT STATION NAME | 57-66 YEARS | APR MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65										.1								1	1		
64/ 63									.1									1	1		
62/ 61									.1									1	1		
58/ 57							.1	.4										5	5		
56/ 55						.3	.1	.3										7	7		
54/ 53			.1	.1	.1	.2	.2	.4										11	11		
52/ 51			.1	.1	.2	.4	.2	.2										12	12		
50/ 49				.2	.8	1.1	.6											24	24	1	
48/ 47			.2	1.1	1.3	.9	.3											35	35	5	
46/ 45				1.2	1.3	.4	.1											28	28	9	1
44/ 43		.1	.5	2.2	2.3	.7	.1											56	56	16	
42/ 41		.3	1.4	3.1	1.3	.4												60	60	32	2
40/ 39		.7	1.8	3.4	1.4	.2												68	68	50	6
38/ 37		1.1	2.3	3.9	.8													73	73	67	6
36/ 35		.8	2.8	2.3	.3													56	56	87	18
34/ 33	.7	2.6	2.8	1.0														63	63	97	42
32/ 31	.1	2.2	1.9	.3	.1													42	42	87	54
30/ 29	.3	1.9	1.7	.3														38	38	71	71
28/ 27	.2	2.2	1.4	.2														37	37	49	74
26/ 25	.1	2.4	1.3	.2														37	37	37	87
24/ 23	.2	2.0	1.7	.3														32	32	44	70
22/ 21		3.1	1.1	.2														40	40	31	86
20/ 19	.1	2.6	.8	.1														32	32	42	54
18/ 17	.1	2.2	.8															28	28	32	46
16/ 15		1.6	.7															20	20	32	55
14/ 13	.2	2.0	.3															23	23	26	35
12/ 11	.6	1.8	.1															22	22	22	18
10/ 9	.2	1.1																12	12	20	26
8/ 7	.3	1.9																20	20	14	29
6/ 5	.1	.6																6	6	15	22
4/ 3	.1	.3																4	4	7	22
2/ 1	.1	.1																2	2	3	24
0/ -1		.1																1	1	1	17
-2/ -3	.1																	1	1	1	16

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | APR MONTH

PAGE 2 | 1800-2000 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4/ -5	.1																	1	1	1	5
-6/ -7																					8
-8/ -9																					4
-10/-11	.1																	1	1	1	1
-14/-15																					1
TOTAL	3.9	33.7	23.4	20.6	10.1	4.8	1.8	1.4	.2	.1									900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3774234	56600	62.9	15.455	900							
Dry Bulb	1066793	28951	32.2	12.277	900	.4	39.9					90
Wet Bulb	800986	25244	28.0	10.167	900	.4	53.6					90
Dew Point	462853	18093	20.1	10.501	900	5.2	82.5					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | APR MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51						.3												3	3		
50/ 49					.3													3	3		
48/ 47				.2	.6	.1												8	8		
46/ 45			.1	.4	.1	.3												9	9		
44/ 43			.4	1.2	.6													20	20		
42/ 41		.2	1.2	1.3	.3													28	28	13	
40/ 39		.6	2.7	1.4	1.0													51	51	14	1
38/ 37	.1	1.3	3.0	1.7	.1													56	56	36	2
36/ 35	.2	2.1	3.2	1.8	.2													68	68	62	16
34/ 33	.8	3.3	3.7	1.2	.1													82	82	76	24
32/ 31	.2	3.4	3.3	.6	.1													69	69	81	63
30/ 29	.3	3.9	1.9															55	55	96	58
28/ 27		4.1	2.7	.1														62	62	66	70
26/ 25	.4	4.2	1.3															54	54	60	74
24/ 23	.4	3.1	1.1															42	42	66	68
22/ 21	.1	2.6	.8															31	31	41	74
20/ 19	.6	1.8	.4	.1														26	26	33	62
18/ 17	.1	1.9	.4															22	22	29	59
16/ 15	.2	2.6	.1															26	26	22	34
14/ 13	.2	3.3	.1															33	33	33	26
12/ 11	.7	2.6	.3															32	32	34	28
10/ 9	.8	1.4																20	20	29	31
8/ 7	.4	1.6																18	18	19	36
6/ 5	.3	1.4																16	16	17	31
4/ 3	.3	1.3																15	15	18	16
2/ 1	.6	1.1																15	15	12	14
0/ -1	.7	.6																11	11	17	23
-2/ -3	.2	.3																5	5	4	23
-4/ -5	.3	.3																6	6	5	14
-6/ -7	.6	.1																6	6	8	16
-8/ -9	.2																	2	2	3	13
-10/-11	.2																	2	2	2	6
-12/-13	.1																	1	1	1	8
-14/-15	.1																	1	1	1	3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) APR (MONTH)

PAGE 2 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-16/-17																				1
-18/-19	.1																	1	1	1	2
-20/-21	.1																	1	1	1	2
-22/-23																					1
-26/-27																					1
TOTAL	9.6	49.2	26.9	10.1	3.4	.8													900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4690789	64007	71.1	12.420	900							
Dry Bulb	746937	23321	25.9	12.596	900	3.6	57.2					90
Wet Bulb	609834	21070	23.4	11.387	900	4.3	69.9					90
Dew Point	409283	15731	17.5	12.223	900	11.3	85.7					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NAT DOT APT STATION NAME | 57-66 YEARS | MAY MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
60/ 59						.2												2	2		
58/ 57					.3	.3	.2											8	8		
56/ 55				.1	.2	.6	.1											10	10		
54/ 53		.1	.1	.3	1.4	.5	.6											29	29		
52/ 51		.2	.2	.4	1.1	.5	.4											27	27	1	
50/ 49	.3	.8	.3	.9	1.2	.4	.1											37	37	15	1
48/ 47		.8	1.4	1.8	2.2	.1												58	58	20	7
46/ 45	.1	1.9	1.8	1.4	.9													57	57	45	10
44/ 43	.2	1.8	3.8	2.7	.2													81	81	57	19
42/ 41	.9	2.2	2.7	1.7	.9													77	77	91	29
40/ 39	.3	2.6	3.7	1.5	.1													76	76	97	56
38/ 37	.3	2.6	4.1	2.2	.1													86	86	81	62
36/ 35	.3	2.3	4.0	1.0	.2													72	72	86	80
34/ 33	.3	2.4	3.0	.5														58	58	80	77
32/ 31	.2	3.0	2.6	.4														58	58	82	72
30/ 29	.1	3.1	1.6	.1														46	46	62	95
28/ 27	.1	2.8	2.3															48	48	60	89
26/ 25		1.5	.9	.1														23	23	47	61
24/ 23		1.7	.4	.1														21	21	25	71
22/ 21		2.0	.2	.1														22	22	30	49
20/ 19	.2	.5																7	7	21	37
18/ 17	.1	.4	.1															6	6	4	29
16/ 15		.3																3	3	7	34
14/ 13		.3																3	3	2	14
12/ 11	.2	.8																9	9	7	9
10/ 9		.4																4	4	7	4
8/ 7	.1																	1	1	2	5
6/ 5	.1																	1	1	1	4
4/ 3																					12
2/ 1																					4
TOTAL	4.0	34.5	33.1	15.4	8.7	2.8	1.5											930		930	930
																		930		930	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4878152	66084	71.1	14.010	930							
Dry Bulb	1417771	35247	37.9	9.390	930		25.2					93
Wet Bulb	1157165	31921	34.3	8.138	930		35.7					93
Dew Point	847067	26835	28.9	8.849	930		58.9					93

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION — FORT SMITH NWT DOT APT STATION NAME — 57-66 YEARS — MAY MONTH

0300-0900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57							.1											1	1		
56/ 55					.1		.2											3	3		
54/ 53					.1													1	1		
52/ 51			.4	.5	.3	.3	.1											15	15		
50/ 49		.4	.4	1.2	.6	.3												28	28	2	
48/ 47	.5	.6	1.4	1.0	.6	.1												40	40	13	10
46/ 45	.1	1.0	1.4	1.5	1.0													46	46	24	6
44/ 43		1.9	2.0	1.3	.4													53	53	39	12
42/ 41	.8	3.5	1.6	1.4	.1													69	69	65	19
40/ 39	.6	3.3	3.0	1.6														80	80	82	44
38/ 37	.8	4.8	4.2	1.3														103	103	79	63
36/ 35	.8	4.2	4.3	.3	.1													90	90	103	78
34/ 33	1.0	4.2	3.4	.5														85	85	99	76
32/ 31	1.0	3.5	2.8	.5														73	73	96	81
30/ 29	.3	4.2	2.3	.3														66	66	73	90
28/ 27	.2	2.8	1.3															40	40	69	99
26/ 25	.1	2.6	1.2															36	36	46	76
24/ 23	.1	2.4	.2															25	25	41	58
22/ 21	.3	1.0	.2															14	14	28	47
20/ 19		1.7	.2															18	18	20	33
18/ 17	.5	1.2	.1															17	17	16	40
16/ 15	.2	.4																6	6	11	37
14/ 13																				3	21
12/ 11	.1	.2																3	3	2	10
10/ 9	.4	.3																7	7	6	3
8/ 7	.1	.2																3	3	4	4
6/ 5	.6	.1																7	7	8	1
4/ 3																					7
2/ 1	.1																	1	1	1	11
0/ -1																					3
-2/ -3																					1
TOTAL	8.7	44.7	30.4	11.5	3.4	.8	.4												930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5558470	70884	76.2	12.948	930							
Dry Bulb	1225794	32728	35.2	8.928	930		31.6					93
Wet Bulb	1044007	30241	32.5	8.080	930		42.4					93
Dew Point	807230	26122	28.1	8.895	930	.4	62.2					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NAT DOT APT (STATION NAME) 57-66 (YEARS) MAY (MONTH)

PAGE 1 0600-0800 (HOURS (L, S, T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 63								.2										2	2		
64/ 63							.1											1	1		
62/ 61						.3	.3											6	6		
60/ 59					.3	.4	.4											11	11		
58/ 57					.4	.3	.3											15	15		
56/ 55			.1	.1	.6	1.3	.3											23	23		
54/ 53		.2	.2	1.0	1.2	1.1	.2											36	36	1	
52/ 51		.1	.5	1.1	1.2	1.0	.1											37	37	12	1
50/ 49		.8	1.2	2.0	1.6	1.0	.2											63	63	20	3
48/ 47	.1	.2	.9	3.2	2.2	.6												67	67	41	7
46/ 45	.2	.9	2.4	1.9	1.2	.2	.1											60	60	53	12
44/ 43	.1	.9	3.1	2.6	1.8	.1												80	80	79	18
42/ 41	.2	2.5	1.9	3.1	.5	.1												78	78	88	50
40/ 39	.9	2.3	1.9	3.1	.8													83	83	96	54
38/ 37	.4	1.8	2.9	1.4	.1													62	62	88	83
36/ 35	.1	2.2	2.7	1.4	.2													61	61	83	80
34/ 33	.8	2.3	3.3	.6														65	65	83	76
32/ 31	.1	2.7	1.5	.3														43	43	72	69
30/ 29	.2	1.2	1.9	.3														34	34	70	89
28/ 27		1.2	1.0	.1														21	21	25	93
26/ 25		1.5	.5															19	19	32	85
24/ 23		1.2	.2															13	13	24	36
22/ 21	.2	.8	.1															10	10	14	37
20/ 19	.1	1.5	.1															16	16	13	33
18/ 17		.2	.1															3	3	11	29
16/ 15		.9																8	8	4	22
14/ 13	.1	.1																2	2	9	15
12/ 11		.3																3	3	2	12
10/ 9		.5																5	5	4	3
8/ 7	.1																	1	1	4	5
6/ 5		.2																2	2	1	2
4/ 3																				1	8
2/ 1																					4
0/ -1																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NAT DOT APT (STATION NAME) 57-66 (YEARS) MAY (MONTH)

PAGE 2 0600-0800 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point
-2/ -3																				3
TOTAL	3.	7.	26.	26.	21.	9	12.	2	7.	0	2.	2	.	2					930	930
																		930		930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4471818	62952	67.7	15,056	930							
Dry Bulb	1598375	37417	40.2	10,003	930		18.0					93
Wet Bulb	1262249	33371	35.9	8.352	930		28.6					93
Dew Point	897395	27667	29.7	8.944	930	.4	54.6					93

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NWT DOT APT — STATION NAME
57-66 — YEARS
MAY — MONTH

PAGE 1
0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77											.1	.1						2	2		
76/ 75										.1								1	1		
74/ 73										.1	.1							2	2		
72/ 71									.1	.3	.1							5	5		
70/ 69								.4	.4	.1								9	9		
68/ 67							.1	.4	.8	.3	.2							17	17		
66/ 65						.1	.5	1.1	.9	.1								25	25		
64/ 63						.1	.5	.9	.8									21	21		
62/ 61					.2	.3	1.7	1.4	.2									36	36		
60/ 59				.1	.2	1.2	2.4	1.2	.1									48	48		
58/ 57				.3	.2	1.8	2.0	1.1										51	51	4	
56/ 55			.2	.4	1.4	2.8	.8	.5										57	57	8	
54/ 53		.1	.4	.4	1.7	1.9	1.5	.1										58	58	27	
52/ 51		.1	.3	.3	1.8	1.4	.5	.6										48	48	36	
50/ 49		.1	.1	1.5	1.1	1.8	.8	.1										50	50	68	6
48/ 47	.1	.3	.9	1.2	2.3	1.1	.6											60	60	81	13
46/ 45		.5	.8	1.3	2.3	1.0												54	54	86	14
44/ 43		.5	1.8	2.9	1.6	.5												69	69	71	23
42/ 41	.1	1.2	.8	1.7	1.4	.1												49	49	71	39
40/ 39	.2	2.2	1.1	1.6	1.2													58	58	97	61
38/ 37		.9	1.7	1.8	.5													44	44	85	94
36/ 35	.2	.3	2.5	.8	.2													37	37	63	88
34/ 33	.1	1.1	1.2	1.0	.1													32	32	58	76
32/ 31	.2	.9	1.1	.5														25	25	53	75
30/ 29		.8	.4	.4														15	15	32	79
28/ 27		.5	1.1	.2														17	17	22	73
26/ 25		.2	.5	.2														9	9	15	78
24/ 23		.6	.5	.1														12	12	19	57
22/ 21		.4	.1															5	5	10	29
20/ 19		.2	.2															4	4	10	28
18/ 17			.1															1	1	3	24
16/ 15		.5																5	5	3	26
14/ 13		.2																2	2	4	13
12/ 11		.2																2	2	2	12

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NAT DOT APT — STATION NAME
57-66 — YEARS
MAY — MONTH
PAGE 2
0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/	0																		2	4
8/	7																			6
6/	5																			5
4/	3																			3
2/	1																			4
TOTAL		1.	0	11.	9	15.	8	16.	7	10.	2	14.	2	11.	4	7.	8	3.2	1.1	.5	.1			930		930	930
																			930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3044125	50781	54.6	17.090	930							
Dry Bulb	2199272	43904	47.2	11.675	930		9.7	3.6	.5			93
Wet Bulb	1541477	37021	39.8	8.541	930		17.5					93
Dew Point	930236	28246	30.4	8.825	930		51.6					93

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

26102 — STATION

FORT SMITH NWT DOT APT — STATION NAME

57-66 — YEARS

MAY — MONTH

PAGE 1

1200-1400 — HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85															.1	.1		2	2		
84/ 83														.1				1	1		
80/ 79												.1	.2					3	3		
78/ 77												.1	.3					4	4		
76/ 75										.1	.3		.1					5	5		
74/ 73										.4	.4	.1						9	9		
72/ 71									.4	.5	1.1							19	19		
70/ 69								.1	1.1	.6	.4							22	22		
68/ 67						.1	.1	.8	1.7	1.5								39	39		
66/ 65						.1	.5	1.2	1.5	.1								32	32		
64/ 63							1.5	2.5	1.7	.1								54	54		
62/ 61					.1	.9	1.3	2.0	1.0	.2								51	51		
60/ 59				.3		1.2	1.4	1.5	.6									47	47		
58/ 57				.2	1.0	1.3	1.9	1.3	.3									56	56	9	
56/ 55				.3	.3	1.5	1.5	.8										41	41	19	
54/ 53			.3	.6	1.3	2.6	1.9	.6	.2									71	71	42	
52/ 51			.3	.3	1.5	2.3	1.4	.5										59	59	78	
50/ 49		.3	.2	.6	1.4	1.9	1.0	.1										52	52	102	3
48/ 47		.3	.4	1.3	1.6	1.8	.1											52	52	63	9
46/ 45		1.1	.5	2.0	1.7	.3	.1											54	54	83	14
44/ 43		.6	.8	.9	2.0	.4												44	44	96	25
42/ 41		.4	.5	1.7	1.3	.4												41	41	79	55
40/ 39		1.0	.2	1.2	1.8	.3												42	42	82	67
38/ 37		.3	.5	1.9	.5													31	31	61	64
36/ 35		.1	1.2	.8	.3													22	22	44	86
34/ 33		.4	1.0	.8														20	20	45	87
32/ 31	.1	.3	.5	.4														13	13	46	98
30/ 29		.4	.3	.3	.1													11	11	21	70
28/ 27		1.2	.4	.1														16	16	19	75
26/ 25		.4	.1	.2														7	7	17	65
24/ 23		.1																1	1	10	55
22/ 21			.2															2	2	5	44
20/ 19			.1															1	1		41
18/ 17		.4																4	4	2	16

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT UDT APT STATION NAME | 57-66 YEARS | MAY MONTH

PAGE 2 | 1200-1600 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15		.2																2	2	6	14
14/ 13																				1	16
12/ 11																					13
10/ 9																					4
8/ 7																					1
6/ 5																					4
4/ 3																					3
2/ 1																					1
TOTAL	.1	7.7	7.7	14.1	15.1	15.2	12.8	11.4	8.6	3.6	2.3	.3	.6	.1	.1	.1		930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2357758	44028	47.3	17.155	930							
Dry Bulb	2619828	48078	51.7	12.026	930		5.7	10.4	2.4	.3		93
Wet Bulb	1717997	39241	42.2	8.185	930		12.7					93
Dew Point	938050	28480	30.6	8.422	930		92.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) MAY (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87																.3		3	3		
80/ 79													.5	.1				6	6		
78/ 77													.3					3	3		
76/ 75											.2		.1					3	3		
74/ 73									.1	.6	1.3	.5						24	24		
72/ 71								.1	.3	1.0	1.1							23	23		
70/ 69								.1	1.2	1.3	1.1							36	36		
68/ 67								.4	1.7	1.0								29	29		
66/ 65							.3	1.1	2.6	.6								43	43		
64/ 63						.3	1.0	1.6	1.2	.1								39	39		
62/ 61				.1	.3	1.3	1.5	1.5	2.4									66	66		
60/ 59				.1	.3	.9	1.6	2.7	1.2									63	63	1	
58/ 57				.5	.3	1.1	1.3	1.1		.1								41	41	8	
56/ 55				.4	.3	2.7	1.8	1.5	.2									65	65	26	
54/ 53			.2	.3	1.1	3.4	.8	1.1	.1									65	65	58	
52/ 51			.1	.2	1.5	3.4	1.2	.3										63	63	88	
50/ 49		.4	.4	.9	.4	1.6	.3	.2										40	40	90	2
48/ 47		.2	.5	1.2	2.2	1.2	.4											53	53	67	16
46/ 45		.5	.9	.9	1.6	.4	.3											43	43	100	19
44/ 43		.5	.1	1.1	1.6	.8												38	38	104	32
42/ 41		.4	.8	1.2	1.9	.6												46	46	74	41
40/ 39		.4		1.4	1.4	.4												34	34	72	41
38/ 37		.6	.3	.6	.5													20	20	45	71
36/ 35		.1	1.0	1.5	.4													28	28	45	84
34/ 33		.4	.8	.1														12	12	43	102
32/ 31	.1	.2	.4	.3	.2													12	12	39	98
30/ 29		.5	.3	.1	.3													12	12	28	79
28/ 27		.5	.3															8	8	10	76
26/ 25		.1	.2															3	3	14	52
24/ 23			.1	.2														3	3	8	58
22/ 21																				1	39
20/ 19		.1	.2															3	3	1	41
18/ 17		.3																3	3	6	21
16/ 15																				2	25

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NAT OUT APT — STATION NAME
57-66 — YEARS
MAY — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
14/ 13																					7
12/ 11																					9
10/ 9																					6
8/ 7																					2
6/ 5																					4
4/ 3																					4
0/ -1																					1
TOTAL	.1	3.6	6.7	11.2	14.5	18.2	10.5	11.7	11.0	4.9	3.7	.5	1.0	.1		.3		930		930	930
																	930		930		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2116855	41497	44.6	16.897	930							
Dry Bulb	2776134	49580	53.3	11.962	930		4.4	12.7	3.9	.9		93
Wet Bulb	1780934	40008	43.0	8.024	930		10.9					93
Dew Point	934256	28394	30.5	8.515	930	.1	52.2					93

USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

20102 — STATION
FORT SMITH NWT DOT APT — STATION NAME
57-66 — YEARS
MAY — MONTH
PAGE 1
1800-2000 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83														.1				1	1		
82/ 81													.1					1	1		
80/ 79														.1				1	1		
78/ 77													.2					2	2		
76/ 75										.2	.2	.1						5	5		
74/ 73										.1	.5	.2						8	8		
72/ 71									.2	.5	.5	.1						13	13		
70/ 69							.1		.5	.5	.4							15	15		
68/ 67								.4	1.3	.9								24	24		
66/ 65					.1	.2	.2	1.5	1.8	.3								39	39		
64/ 63						.2	1.0	.8	1.8	.1								34	34		
62/ 61			.1		.8	.8	1.7	2.5	.8	.1								62	62		
60/ 59				.2		2.4	1.6	2.9	.4									70	70		
58/ 57				.4	.4	1.1	2.4	1.4										53	53	8	
56/ 55			.1	.6	.9	1.0	1.7	1.3	.1									53	53	12	
54/ 53		.4	.3	.4	.8	2.8	1.0	.8										60	60	38	2
52/ 51		.3	.6	.9	.9	2.8	1.3	.4										67	67	81	3
50/ 49		.3	.4	1.1	2.0	1.8	.3	.1										57	57	82	6
48/ 47		.4	1.1	.8	1.7	1.3	.3											52	52	89	16
46/ 45		.1	1.1	1.5	1.8	.5	.1											48	48	93	18
44/ 43	.1	.2	.5	1.7	1.5	.2												40	40	88	26
42/ 41		.6	1.0	1.3	1.5	.3												44	44	86	41
40/ 39		.5	.5	1.6	2.3	.1												47	47	74	63
38/ 37		.3	.5	1.0	1.2													28	28	58	81
36/ 35		.1	1.3	.9	.2													23	23	43	54
34/ 33		.9	1.0	.6	.3													26	26	42	99
32/ 31	.2	.1	1.2	.2	.3													19	19	52	94
30/ 29		.2	.3	.2	.3													10	10	25	98
28/ 27		.4	.4	.3														11	11	19	59
26/ 25		.2		.2														4	4	9	53
24/ 23		.2	.1															3	3	13	62
22/ 21		.1	.1	.1														3	3	5	38
20/ 19			.4															4	4	4	36
18/ 17		.1																1	1	3	25

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NWT OUT APT (STATION NAME) 57-66 (YEARS) MAY (MONTH)

1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15		.2																2	2	5	16
14/ 13																				1	11
12/ 11																					7
10/ 9																					6
8/ 7																					3
6/ 5																					5
4/ 3																					5
2/ 1																					2
0/ -1																					1
TOTAL	.3	5.9	11.2	14.1	17.0	15.5	11.7	12.0	6.8	2.8	1.7	.4	.3	.2				930	930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2455497	45075	48.5	17.074	930							
Dry Bulb	2549641	47501	51.1	11.528	930		5.7	7.0	1.8	.3		93
Wet Bulb	1702078	39058	42.0	8.151	930		13.6					93
Dew Point	951693	28581	30.7	8.885	930	.1	52.1					93

USAFETAC FORM 0 26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | MAY MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69										.1								1	1		
68/ 67									.1									1	1		
66/ 65						.1		.1										2	2		
64/ 63							.2	.4										6	6		
62/ 61						.1	1.0	.4										14	14		
60/ 59						1.4	.9	.6										27	27		
58/ 57				.4	.6	.9	.8	.8										32	32		
56/ 55			.3	.1	1.1	1.7	1.5	.2										46	46	1	
54/ 53		.1	.3	.9	2.2	1.8	.8	.1										57	57	5	
52/ 51	.1	.3	.5	1.7	1.9	2.3	.4											68	68	17	1
50/ 49		.3	1.2	1.9	1.8	.8	.3											59	59	46	7
48/ 47	.4	1.5	1.3	1.8	1.9	.8												72	72	50	13
46/ 45		1.4	2.2	2.3	1.4	.2												69	69	104	13
44/ 43	.1	1.2	2.3	2.9	1.4	.2												75	75	100	31
42/ 41	.1	1.6	1.4	2.4	.5													56	56	96	46
40/ 39	.3	1.5	2.5	2.7	.9													73	73	82	74
38/ 37	.1	.6	2.2	1.9	.2													47	47	78	85
36/ 35	.1	1.4	1.8	1.7	.1													48	48	63	61
34/ 33		.6	2.4	.8	.1													36	36	60	72
32/ 31	.3	1.6	1.8	.6														41	41	57	94
30/ 29		2.2	1.0	.1														30	30	48	78
28/ 27		.8	1.0	.3														19	19	44	80
26/ 25		1.2	.8															18	18	24	58
24/ 23		.9	.3	.1														12	12	17	56
22/ 21		.2	.2															4	4	15	53
20/ 19	.1	.2	.1															4	4	6	31
18/ 17		.1	.1															2	2	3	23
16/ 15		.2	.1															3	3	3	14
14/ 13	.2	.3																5	5	5	10
12/ 11																				3	8
10/ 9		.1																1	1	1	5
8/ 7																					4
6/ 5	.1																	1	1	1	3
4/ 3		.1																1	1	1	5

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | MAY MONTH

PAGE 2 | 2100-2300 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 1																					2
0/ -1																					1
-2/ -3																					1
-4/ -5																					1
TOTAL	2.0	18.3	23.7	22.7	14.2	10.2	5.8	2.7	.1	.1								930		930	930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3862868	58030	62.4	16.137	930							
Dry Bulb	1858613	40485	43.5	10.177	930		14.1	.2				93
Wet Bulb	1410039	35409	38.1	8.161	930		22.8					93
Dew Point	947951	28513	30.7	8.911	930	.3	32.7					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NWT ONT APT (STATION NAME) 57-66 (YEARS) JUN (MONTH)

0000-0200 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67						.1	.1	.2										4	4		
66/ 65					.1	.2	.6	.1										9	9		
64/ 63				.2	.2	.3	.4	.2										13	13		
62/ 61		.3	.3	1.0	.3	.3	.1	.1										23	23		
60/ 59	.1	.7	1.4	1.0	1.1	.2	.1	.1										43	43	6	1
58/ 57	.2	2.0	2.0	1.4	2.4	.1	.1											75	75	27	12
56/ 55	.1	1.2	2.7	2.3	.7	.4												67	67	48	17
54/ 53	.1	2.7	2.2	1.7	1.1	.6	.1											76	76	48	28
52/ 51	.2	3.6	2.4	1.7	1.7	.3												89	89	92	55
50/ 49	.8	3.7	2.7	2.0	1.1	.1												93	93	122	70
48/ 47	.8	3.4	1.4	1.9	.8													73	73	74	71
46/ 45	.4	3.9	2.2	1.1	.4													73	73	87	96
44/ 43	.7	2.9	1.8	1.0														57	57	85	92
42/ 41	.3	3.1	1.2	1.0														51	51	82	69
40/ 39	.1	2.6	1.3	.3														39	39	54	67
38/ 37	.3	3.2	1.8	.2														50	50	55	65
36/ 35	.8	1.3	.7	.3														26	26	53	80
34/ 33		.7	1.4															19	19	22	49
32/ 31	.2	.3	.1															6	6	18	43
30/ 29		.7																6	6	13	28
28/ 27		.6																5	5	7	17
26/ 25		.2																2	2	5	21
24/ 23		.1																1	1	2	11
22/ 21																					4
20/ 19																					3
18/ 17																					1
TOTAL	5.0	37.1	25.8	17.2	9.8	2.8	1.6	.8										900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	9516159	69295	77.0	14.183	900
Dry Bulb	2198204	43886	48.8	8.048	900
Wet Bulb	1880077	40633	45.1	7.121	900
Dew Point	1599199	37259	41.4	7.943	900

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		2.0	.4				90
Wet Bulb		4.5					90
Dew Point		12.8					90

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) JUN (MONTH)

PAGE 1 0300-0900 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67							.1											1	1		
66/ 65							.1											1	1		
64/ 63					.1	.3	.2											6	6		
62/ 61				.3	.3		.3											9	9		
60/ 59		.9	.1	.9	.8		.2											26	26	3	2
58/ 57	.3	1.8	1.3	1.3	.6	.1												49	49	12	9
56/ 55	.2	2.8	1.7	2.4	.7	.1	.2											73	73	36	12
54/ 53		2.7	1.9	1.3	.7	.2												61	61	48	25
52/ 51	.8	3.2	2.8	2.2	.4	.3	.1											89	89	72	49
50/ 49	.6	4.0	2.7	1.7	.6	.1												86	86	91	56
48/ 47	1.1	4.1	2.9	2.1	.2													94	94	87	76
46/ 45	1.9	3.7	2.3	1.3	.1													84	84	102	100
44/ 43	.9	3.1	2.4	1.0														67	67	93	76
42/ 41	.8	4.4	2.1	1.1														76	76	83	76
40/ 39	.3	3.4	.8	.2														43	43	79	82
38/ 37	.8	2.7	1.4															44	44	65	73
36/ 35	.4	2.4	.9	.1														35	35	37	71
34/ 33		.8	.9															15	15	33	65
32/ 31	.1	2.2	.1															22	22	25	36
30/ 29		.7	.1															7	7	16	37
28/ 27		.6																5	5	8	22
26/ 25		.3																3	3	4	18
24/ 23	.1	.2																3	3	4	6
22/ 21		.1																1	1	2	5
20/ 19																					2
18/ 17																					1
16/ 15																					1
TOTAL	8.3	44.1	24.4	16.1	4.4	1.2	1.3												900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6006930	72602	80.7	12.926	900							
Dry Bulb	2034514	42222	46.9	7.732	900		4.1	.1				90
Wet Bulb	1787632	39604	44.0	7.066	900		5.9					90
Dew Point	1559929	36817	40.9	7.738	900		12.8					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT ONT APT STATION NAME | 57-66 YEARS | JUN MONTH

PAGE 1 | 0600-0800 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73							.1											1	1		
72/ 71							.3	.2										5	5		
70/ 69					.1	.4	.1	.1										7	7		
68/ 67				.1	.4	.2	.8											14	14		
66/ 65				.7	1.1	1.1	.8	.1										34	34		
64/ 63			.4	.6	1.9	1.7	.4											45	45		
62/ 61		.3	.3	1.4	1.4	1.2	1.0	.2										54	54	4	
60/ 59	.1	1.0	1.4	2.8	2.7	1.6	.7											92	92	30	3
58/ 57	.4	1.2	1.6	3.1	1.7	1.2	.2											85	85	43	20
56/ 55	.1	2.2	2.2	2.9	1.9	1.4	.1	.1										99	99	83	22
54/ 53	.1	2.4	2.7	2.2	1.9	.7	.1											91	91	101	43
52/ 51	.3	3.0	2.3	2.3	1.0	.6	.1											87	87	114	75
50/ 49		2.2	1.6	1.8	1.8	.3												69	69	114	91
48/ 47	.8	1.3	1.7	2.0	.2	.1												55	55	103	97
46/ 45	.4	1.1	1.3	.9	.6													39	39	71	95
44/ 43	.7	.6	2.0	1.3	.2													43	43	63	83
42/ 41	.1	.6	1.4	.6	.1													25	25	53	73
40/ 39		.9	.4	.6	.2													19	19	37	52
38/ 37	.1	.2	1.1	.6														18	18	34	67
36/ 35	.2	.1	.2	.4														9	9	18	52
34/ 33	.2		.3															5	5	16	34
32/ 31	.3		.1															4	4	11	27
30/ 29																				4	23
28/ 27																				1	17
26/ 25																					14
24/ 23																					5
22/ 21																					4
20/ 19																					2
18/ 17																					1
TOTAL	4.0	17.2	21.2	24.2	17.2	10.6	4.8	.8											900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4588606	62796	69.8	15.179	900							
Dry Bulb	2636045	48215	53.6	7.683	900		.4	2.7	.1			90
Wet Bulb	2139706	43482	48.3	6.582	900		1.6					90
Dew Point	1744626	38992	43.3	7.844	900		9.3					90

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION

FORT SMITH NWT DOT APT — STATION NAME

57-66 — YEARS

JUN — MONTH

PAGE 1

0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83												.1						1	1		
82/ 81											.1							1	1		
80/ 79									.1	.2	.3							6	6		
78/ 77									.4	.2								6	6		
76/ 75							.4	.2	1.1	.6	.1							22	22		
74/ 73							.6	1.0	1.0	.6	.2	.2						32	32		
72/ 71						.2	1.4	1.7	1.3	.3								46	46		
70/ 69					.3	1.0	2.6	1.2	.9	.1								55	55		
68/ 67				.7	.3	1.3	2.2	1.2	.8	.4								63	63		
66/ 65				.6	.8	2.3	2.7	1.9	1.2	.1								86	86		
64/ 63				.6	1.8	1.8	2.4	2.0	.3									80	80	6	
62/ 61		.2	.3	.9	2.2	1.7	1.8	1.2										75	75	37	
60/ 59		1.0	1.0	.8	2.4	1.7	1.2	.6										78	78	69	6
58/ 57		.8	.9	1.3	1.3	.9	1.3	.1										60	60	93	18
56/ 55	.1	1.4	.7	.3	.9	1.0	1.3											52	52	112	34
54/ 53	.1	1.2	.6	.4	.8	1.7	.3	.1										47	47	120	41
52/ 51		1.7	.4	1.1	1.1	1.3	.1											52	52	112	69
50/ 49	.1	.7	.8	1.2	.4	.4	.1											34	34	89	104
48/ 47	.2	.2	.7	.7	.3	.4												23	23	47	91
46/ 45		.1	.7	.6	.1	.6												18	18	58	70
44/ 43		.4	.6	.8	.1													17	17	47	77
42/ 41	.3	.9	.4	.3	.1													19	19	35	67
40/ 39		.3		.8	.3													13	13	27	56
38/ 37		.3		.6														8	8	18	55
36/ 35	.1			.2														3	3	9	65
34/ 33		.1																1	1	10	47
32/ 31	.2																	2	2	9	32
30/ 29																				2	18
28/ 27																					16
26/ 25																					7
24/ 23																					11
22/ 21																					10
20/ 19																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION

FORT SMITH NWT DOT APT — STATION NAME

57-66 — YEARS

JUN — MONTH

PAGE 2

0900-1100 — HOURS (L. S. T.)

Temp. F	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	1.2	9.4	7.[illegible]	11.8	13.4	16.4	18.6	11.2	7.2	2.6	.8	.3						900		900	900
																		900			

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3081299	50203	55.8	17.677	900							
Dry Bulb	3334276	54140	60.2	9.282	900		.2	23.2	6.8	.5		90
Wet Bulb	2941173	46019	51.1	8.763	900		1.1					90
Dew Point	1729598	38732	43.0	8.354	900		10.0					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION NUMBER
FORT SMITH NWT DOT APT — STATION NAME
57-66 — YEARS
JUN — MONTH
PAGE 1
1200-1400 — HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89														.1				1	1		
88/ 87													.2					2	2		
86/ 85											.1		.1					2	2		
84/ 83											.1							1	1		
82/ 81										.6	1.0	.1						15	15		
80/ 79									.1	.7	.8	.4						18	18		
78/ 77								.3	.7	1.0	.9	.6						31	31		
76/ 75							.1	1.2	1.3	1.9	.8							48	48		
74/ 73						.1	.6	1.4	1.0	1.2	.4							43	43		
72/ 71					.1	.3	1.0	1.6	1.3	1.6	.9							61	61		
70/ 69					.3	.8	2.6	2.1	2.3	1.8	.2							91	91		
68/ 67			.2	.2	.8	1.1	2.1	2.8	2.0	.8								90	90		
66/ 65				.1	.4	1.3	1.7	2.2	2.0	.1								71	71	2	
64/ 63		.2	.3	.1	1.6	2.3	1.2	1.8	.4									72	72	24	
62/ 61		.2	.3	.2	1.0	.7	1.0	1.1	.2	.1								44	44	51	2
60/ 59		.4	.8	.9	1.2	.9	.8	1.6	.2									61	61	90	6
58/ 57	.1	.6	.6	.8	.7	.6	.7	.9										43	43	99	15
56/ 55	.1	.7	.9	.1	.9	1.2	1.6	.3										52	52	114	23
54/ 53	.1	1.0	.3	.7	.8	1.1	.2	.1										39	39	128	48
52/ 51	.1	.6	.4	.8	.3	.2	.2											24	24	109	68
50/ 49		.1	.3	.2	.6	.1	.2											14	14	62	86
48/ 47	.1	.1	.4	.6	.2	.2												15	15	54	90
46/ 45		.1	.3	.4	.4	.2												14	14	49	69
44/ 43	.2	.7	.1	.1	.7	.1												17	17	42	62
42/ 41		.8	.4		.4	.1												16	16	21	74
40/ 39		.2			.4													6	6	19	78
38/ 37		.2		.1														5	5	16	67
36/ 35		.2																2	2	8	55
34/ 33		.2																2	2	6	48
32/ 31																				6	30
30/ 29																					27
28/ 27																					15
26/ 25																					7
24/ 23																					9

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC Form 0-26-5 (OL-A) 30 Apr 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NAT DOT APT STATION NAME | 57-66 YEARS | JUL MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
22/ 21																					11
20/ 19																					5
18/ 17																					2
12/ 11																					1
TOTAL	1.0	6.3	5.8	5.3	10.9	11.4	13.9	17.4	11.7	9.7	5.2	1.1	.3	.1				900		900	900
																	900		900		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2434481	43925	48.8	17.982	900							
Dry Bulb	3747318	57392	63.8	9.865	900			40.3	16.1	2.7		90
Wet Bulb	2516082	47210	52.5	6.642	900		.6					90
Dew Point	1688710	38242	42.5	8.422	900		10.9					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION — FORT SMITH NWT UOT APT STATION NAME — 57-66 YEARS — JUN MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89														.2				2	2		
88/ 87													.1					1	1		
86/ 85												.3						3	3		
84/ 83											.1	.3						4	4		
82/ 81										.4	.9	1.1						22	22		
80/ 79										.3	.8	1.1						20	20		
78/ 77								.1	.8	.8	.6	.1	.1					22	22		
76/ 75							.2	.8	.8	1.3	1.3	.3						43	43		
74/ 73						.2	.6	1.8	1.6	1.4	.8							57	57		
72/ 71					.2	.1	1.9	2.2	1.4	3.0	1.0	.1						90	90		
70/ 69				.2	.4	1.4	1.7	1.7	3.9	1.8	.4							104	104		
68/ 67			.2		.1	.4	1.1	2.4	2.8	1.1								74	74		
66/ 65			.1		.7	.8	1.1	2.1	1.2									54	54	1	
64/ 63			.4	.4	1.1	2.1	2.0	1.0	.9	.1								73	73	33	
62/ 61		.1	1.2	.7	.3	1.3	.7	1.1	1.3									61	61	39	3
60/ 59		.2	.6	.9	1.0	.8	1.6	1.1	.3									58	58	95	6
58/ 57	.1	.3	.4	.8	.6	.9	.8	.3										41	41	102	16
56/ 55		.9	.6	.7	.3	.3	1.4											38	38	117	24
54/ 53		.3	.1	.1	1.1	1.1	.2											27	27	141	39
52/ 51		1.2		.3	.6		.2											21	21	117	76
50/ 49		.1	.7	.7	.1	.3	.1											18	18	53	76
48/ 47		.3	.6	.1	.3	.1	.1											14	14	48	73
46/ 45		.4	.7	.1	.9	.2												21	21	57	61
44/ 43					.7	.1												7	7	38	70
42/ 41		.2	.3	.1	.3	.1												10	10	5	82
40/ 39		.3	.1		.3													7	7	17	86
38/ 37	.2	.3	.1															6	6	15	75
36/ 35		.1																1	1	14	64
34/ 33		.1																1	1	5	38
32/ 31																				3	26
30/ 29																					28
28/ 27																					24
26/ 25																					7
24/ 23																					8

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT OUT APT STATION NAME | 57-66 YEARS | JUN MONTH

 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
22/ 21																					11
20/ 19																					4
18/ 17																					2
16/ 15																					1
TOTAL	.3	5.1	6.4	5.1	9.1	10.4	13.7	14.7	15.0	10.3	5.9	3.4	.2	.2				900		900	
																	900		900		

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2281128	42330	47.0	17.967	900							
Dry Bulb	3852860	58230	64.7	9.745	900			44.2	17.4	4.2		90
Wet Bulb	2542905	47487	52.8	6.444	900		.3					90
Dew Point	1671898	38046	42.3	8.409	900		11.1					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | JUN MONTH

PAGE 1 | 1800-2000 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87														.1				1	1		
86/ 85												.1	.1					2	2		
82/ 81										.2	.3	.3						8	8		
80/ 79										.3	1.1	.4						17	17		
78/ 77								.1	.1	.9	.7	.1						17	17		
76/ 75								.8	.6	1.0	.3		.1					25	25		
74/ 73						.1	.7	.9	1.4	1.4	.4	.1						46	46		
72/ 71						1.0	1.8	1.1	1.8	1.8	.1							68	68		
70/ 69					.4	1.1	2.4	1.3	1.3	2.0	.3							81	81		
68/ 67				.1	.4	1.0	1.9	2.8	1.9	1.0								82	82		
66/ 65			.3	.4	.9	.4	1.6	2.9	1.3	.3								74	74		
64/ 63		.1	.4	.7	.9	.9	1.6	1.1	.6	.1								57	57	10	
62/ 61		.2	1.1	.4	1.2	2.1	.8	1.3	1.3									77	77	48	2
60/ 59	.1	.9	1.2	.7	2.7	1.3	1.9	1.1	.2									91	91	90	6
58/ 57		1.0	.9	.8	.9	1.1	1.6											56	56	104	26
56/ 55		.2	1.8	.4	.7	.6	.6											38	38	96	37
54/ 53	.1	.7	.3	.3	1.2	.9	.3											35	35	120	41
52/ 51		1.4	.6	.7	.3	.9	.1											36	36	134	62
50/ 49		.3	.4	.9	.2	.8												24	24	72	81
48/ 47			.1	.3	.6	.1												10	10	75	75
46/ 45		.1	.7	.1	.3	.3												14	14	50	78
44/ 43		.4	.1	.2	.4	.1												12	12	22	66
42/ 41		.1	.3	.2	.6													11	11	27	71
40/ 39		.4		.1	.6													10	10	11	72
38/ 37	.2	.4																6	6	18	60
36/ 35		.2																2	2	12	75
34/ 33																				8	38
32/ 31																				3	27
30/ 29																					30
28/ 27																					20
26/ 25																					9
24/ 23																					10
22/ 21																					8
20/ 19																					2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NAT DAT APT (STATION NAME) 57-66 (YEARS) JUN (MONTH)

PAGE 2 1800-2000 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
18/ 17																					3
16/ 15																					1
TOTAL	.4	6.7	8.3	6.4	12.3	12.8	15.1	13.4	10.6	9.1	3.3	1.1	.2	.1				900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2639612	45802	50.9	18.530	900							
Dry Bulb	3626908	56526	62.8	9.237	900			34.7	11.6	1.8		90
Wet Bulb	2487426	46964	52.2	6.393	900		.3					90
Dew Point	1705972	38418	42.7	8.571	900		11.0					90

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | JUN MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77										.1								1	1		
74/ 73							.1	.2	.1									4	4		
72/ 71					.1	.2	.4	.3	.1									11	11		
70/ 69					.1	.2	.7	.6	.1									15	15		
68/ 67				.1	.6	.9	1.0	.8	.2	.1								33	33		
66/ 65				.8	1.1	1.3	1.4	.3	.2									47	47		
64/ 63			.7	.6	1.6	1.0	1.6	1.0	.2									59	59	1	
62/ 61		.6	1.6	1.8	1.0	1.9	1.0	.3	.1									74	74	10	
60/ 59	.1	1.4	1.7	1.7	1.6	1.8	.7	.1										81	81	42	4
58/ 57		2.1	2.0	2.6	2.2	1.3	1.2	.1										104	104	68	26
56/ 55	.1	1.6	3.0	2.3	1.9	1.9	.4											101	101	91	42
54/ 53	.1	2.0	.7	1.6	1.8	1.2	.1											67	67	97	49
52/ 51	.2	2.1	2.3	1.4	1.0	.4	.1											69	69	115	74
50/ 49	.2	1.7	1.7	2.0	.7	.2												58	58	104	83
48/ 47	.3	.6	2.0	.9	1.4	.1												48	48	92	78
46/ 45	.2	1.0	.9	.8	.3													29	29	76	83
44/ 43		.8	1.7	.9	.2													32	32	61	74
42/ 41		.9	.3	.4	.2													17	17	36	64
40/ 39		.6	.8	.4	.1													17	17	43	83
38/ 37	.4	.3	.2	.7	.1													16	16	19	57
36/ 35	.1	.2	.2	.2														7	7	16	47
34/ 33	.1	.3	.2															6	6	10	41
32/ 31			.3															3	3	11	33
30/ 29																				4	22
28/ 27		.1																1	1	4	11
26/ 25																					10
24/ 23																					9
22/ 21																					7
20/ 19																					2
18/ 17																					1
TOTAL	2.0	16.2	20.2	19.1	16.0	12.6	8.8	3.8	1.1	.2								900	900	900	900
																		900		900	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	4224439	59807	66.5	16.681	900
Dry Bulb	2811235	49757	55.3	8.196	900
Wet Bulb	2217044	44252	49.2	6.772	900
Dew Point	1760128	39102	43.4	8.256	900

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		.4	6.4	.5			90
Wet Bulb		1.9					90
Dew Point		9.5					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | JUL MONTH

0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77							.1											1	1		
76/ 75						.1												1	1		
74/ 73					.1	.1												2	2		
72/ 71						.3												3	3		
70/ 69			.1		.1	.3												5	5		
68/ 67			.1	.4	.5	.4	.1											15	15		
66/ 65		.1	.1	.5	.5	.5												17	17	5	
64/ 63		1.2	1.4	1.2	1.3	.4												51	51	7	2
62/ 61	.4	2.0	2.3	3.5	.5	.8	.1											90	90	27	11
60/ 59	.5	2.6	3.5	2.6	1.2	.3												100	100	55	30
58/ 57	1.1	3.8	3.2	2.2	.5													100	100	92	57
56/ 55	1.5	5.2	5.7	2.5	.6													144	144	131	74
54/ 53	.3	6.3	4.3	1.4	.3													118	118	125	96
52/ 51	.4	4.0	2.0	1.3	.1													73	73	138	137
50/ 49	1.2	3.7	.8	.8														59	59	121	132
48/ 47	.5	3.3	1.1	.9														54	54	71	119
46/ 45	.6	3.7	.9	.2														50	50	57	80
44/ 43	.3	1.6	.6															24	24	47	59
42/ 41	.2	1.2																13	13	32	56
40/ 39	.1	.2	.1															4	4	14	41
38/ 37		.5	.1															6	6	5	15
36/ 35																				2	13
34/ 33																				1	7
32/ 31																					1
TOTAL	7.3	39.4	26.3	17.4	5.9	3.3	.3											930	930	930	930

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6293866	75742	81.4	11.609	930							
Dry Bulb	2861499	51259	55.1	6.246	930			2.7	.4			93
Wet Bulb	2527929	48225	51.9	5.414	930							93
Dew Point	2286167	45789	49.2	5.844	930		.1					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | JUL MONTH

 0300-0900 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73					.1													1	1		
70/ 69			.1	.3														4	4		
68/ 67			.4	.3	.1													8	8		
66/ 65		.2		.5	.4													11	11	2	
64/ 63			.9	.4	.2	.4												18	18	10	3
62/ 61	.6	1.0	1.7	1.4	1.1	.1	.1											56	56	9	11
60/ 59	1.0	2.8	3.4	1.4	.4	.2	.1											87	87	36	19
58/ 57	1.5	3.2	4.4	1.4	.4													102	102	83	51
56/ 55	1.5	4.6	4.6	1.4	.5	.1												119	119	100	64
54/ 53	1.6	6.8	3.5	1.2														122	122	116	78
52/ 51	1.0	6.6	2.9	1.7														113	113	133	122
50/ 49	1.1	5.1	1.6	.1														73	73	134	130
48/ 47	.8	4.3	.6															52	52	99	127
46/ 45	1.3	3.7	1.1	.4														60	60	60	90
44/ 43	.5	2.5	.4															32	32	51	71
42/ 41	.9	3.1																37	37	42	67
40/ 39	.2	1.6	.1															18	18	32	38
38/ 37	.1	1.3																13	13	11	30
36/ 35		.3																3	3	10	17
34/ 33		.1																1	1	2	9
32/ 31																					3
TOTAL	11.9	47.1	25.9	10.6	3.3	.9	.2												930		930
																		930		930	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6826896	79098	85.1	10.348	930							
Dry Bulb	2649926	49282	53.0	6.430	930			1.3	.1			93
Wet Bulb	2402618	46964	50.5	5.775	930							93
Dew Point	2209935	44989	48.4	6.012	930		.3					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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26102 STATION | FORT SMITH NAT DOT APT STATION NAME | 57-66 YEARS | JUL MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77								.1										1	1		
76/ 75					.1	.5	.2											8	8		
74/ 73					.1	.1	.1	.1										4	4		
72/ 71				.1	.1	.4	.3	.1										10	10		
70/ 69				.5	1.0	1.0	.2											25	25		
68/ 67		.1	.4	1.0	1.3	.5	.2											33	33	2	
66/ 65		.4	.6	1.9	1.7	.8	.2											53	53	11	
64/ 63		.4	2.9	2.0	2.5	.6												79	79	17	6
62/ 61	.1	2.4	1.7	4.1	2.0	.1	.6	.1										104	104	48	19
60/ 59	.6	3.4	4.8	4.4	2.2	.3												147	147	99	37
58/ 57	1.0	2.8	4.4	3.2	1.3	.4												124	124	123	90
56/ 55	.6	5.1	3.5	2.7	.5													116	116	152	85
54/ 53	.4	2.9	3.5	1.6	.5													84	84	152	134
52/ 51	.6	2.8	2.2	1.1	.2													64	64	112	146
50/ 49	.4	1.8	1.3	.8														40	40	103	111
48/ 47	.2	.8	.8	.1														17	17	51	103
46/ 45	.2	.8	.3	.1														13	13	37	68
44/ 43		.4	.1															5	5	16	50
42/ 41		.2	.1															3	3	3	47
40/ 39																				4	18
38/ 37																					10
36/ 35																					5
34/ 33																					1
TOTAL	4.3	24.3	20.8	23.7	13.8	4.8	1.9	.4											930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5620153	71343	76.7	12.589	930							
Dry Bulb	3211335	54375	58.5	5.883	930			8.1	1.3			93
Wet Bulb	2745685	50333	54.1	4.820	930			.2				93
Dew Point	2426850	47234	50.8	5.477	930							93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | JUL MONTH

 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 85									.1		.1							2	2		
84/ 83								.2	.4			.1						7	7		
82/ 81								.1	.2	.4	.3							10	10		
80/ 79						.2	.5	.3	.9	.3	.1							22	22		
78/ 77					.1	.2	.4	.5	.5	.2		.1						20	20		
76/ 75					.3	.8	1.3	1.3	.8	.1								42	42		
74/ 73				.2	1.0	1.5	2.2	1.3	.2	.1	.1							61	61		
72/ 71				.2	.6	.9	1.7	1.6	.2	.2								51	51	1	
70/ 69			.1	.6	2.2	2.5	2.4	1.3	.1	.2								87	87	8	
68/ 67			.3	.8	3.4	2.2	1.8	.5	.2									86	86	19	1
66/ 65		.2	1.4	1.8	2.2	3.1	1.9	.8	.1									107	107	30	5
64/ 63		.6	1.1	1.4	2.7	2.3	1.7	.5	.1									97	97	75	13
62/ 61	.1	1.3	1.1	2.3	2.0	2.3	.8	.3										96	96	111	30
60/ 59	.3	1.5	2.7	1.9	1.5	.6	.3											83	83	133	56
58/ 57	.1	1.5	1.6	1.6	.4	1.2	.1											61	61	117	95
56/ 55		.9	1.3	.6	1.2	.5												42	42	144	102
54/ 53	.2	1.3		.4	.8	.2	.1											28	28	114	113
52/ 51		.5	.3	.3	.1	.1												13	13	79	98
50/ 49	.1	.2		.3	.1													7	7	47	129
48/ 47	.1	.4	.2															7	7	27	87
46/ 45		.1																1	1	14	49
44/ 43																				10	43
42/ 41																				1	37
40/ 39																					33
38/ 37																					20
36/ 35																					9
34/ 33																					5
32/ 31																					4
30/ 29																					1
TOTAL	1.0	8.6	10.1	12.8	18.6	18.5	15.3	8.8	3.9	1.6	.6	.2							930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3790733	57575	61.9	15.609	930							
Dry Bulb	4016234	60746	65.3	7.219	930			38.8	16.4	2.8		93
Wet Bulb	3046831	53013	57.0	5.179	930			2.8				93
Dew Point	2462823	47473	51.0	6.321	930		.5	.1				93

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT OUT APT STATION NAME | 57-66 YEARS | JUL MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
90/ 89											.1	.1	.1	.1				4	4		
88/ 87									.1	.2	.2	.3	.1					9	9		
86/ 85								.1	.1	1.0	.5	.5	.1					22	22		
84/ 83							.2	.1	.1	.1	.2	.5						12	12		
82/ 81							.5	.5	.5	.2	.4	.4						25	25		
80/ 79							.6	.3	1.8	1.6	.5	.5						51	51		
78/ 77						.3	.5	1.6	1.9	1.1	.4							55	55		
76/ 75					.2	.4	1.2	1.6	1.1	.9	.4							54	54		
74/ 73					.1	1.2	1.3	2.8	2.2	.4	.3							77	77		
72/ 71				.3	.6	2.4	2.7	2.3	1.7	.5	.2							100	100	5	
70/ 69			.4	.5	1.5	1.8	1.4	2.8	1.1	.4								93	93	11	
68/ 67			.5	.6	.8	1.5	2.6	1.2	1.1									77	77	31	1
66/ 65			.8	1.5	1.3	1.7	3.0	1.2	.3									91	91	49	6
64/ 63	.1	.3	.8	.9	1.9	1.3	1.4	.8	.1									70	70	90	18
62/ 61	.2	.8	.6	1.3	1.7	.5	.5	.1										54	54	135	25
60/ 59	.1	.6	1.0	1.1	.3	1.1	.4	.1										44	44	126	48
58/ 57		1.3	.9	.4	.4	1.5	.3											45	45	125	73
56/ 55		.8	.6	.3	.6	.3												25	25	142	93
54/ 53	.3	.5	.1		.2	.3	.1											15	15	97	99
52/ 51			.1		.2													3	3	44	122
50/ 49		.2																2	2	37	89
48/ 47		.2																2	2	26	96
46/ 45																				7	70
44/ 43																				4	50
42/ 41																				1	48
40/ 39																					33
38/ 37																					30
36/ 35																					16
34/ 33																					10
30/ 29																					3
TOTAL	.8	4.7	5.8	7.0	10.0	14.4	16.9	15.5	12.2	6.9	3.4	2.5	.3	.1				930	930	930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2872692	49394	53.1	16.381	930							
Dry Bulb	4516294	64388	69.2	7.931	930			57.9	30.9	9.7		93
Wet Bulb	3166238	54050	58.1	5.182	930			4.7				93
Dew Point	2387661	46685	50.2	6.892	930		.3	.1				93

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION

FORT SMITH NAT DOT APT — STATION NAME

57-66 — YEARS

JUL — MONTH

PAGE 1

1500-1700 — HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91													.2	.1				3	3		
90/ 89											.3	.1	.1	.1				6	6		
88/ 87								.1	.2	.1	.6	.1	.1	.1				13	13		
86/ 85								.1	.1		.2	.6	.2	.2				14	14		
84/ 83								.1	.4	.3	.8	.2	.1					18	18		
82/ 81							.1	.4	.8	1.6	.9	.9						43	43		
80/ 79							.3	.4	1.9	1.4	1.0	.9						55	55		
78/ 77					.1	.1	.4	1.3	1.1	1.2	.2							41	41		
76/ 75					.1	.1	.9	2.0	2.5	.8	.1							60	60		
74/ 73				.1	.4	.8	1.3	2.8	2.7	1.3	.4	.1						92	92	1	
72/ 71				.2	.8	1.8	1.8	2.0	2.3	.9	.4							95	95	3	
70/ 69			.1	.3	1.2	1.4	2.2	1.8	1.1	.3								78	78	12	
68/ 67		.1	.4	1.2	1.4	1.7	2.3	2.6	.6	.1								97	97	23	2
66/ 65		.4	1.1	1.5	1.6	1.6	2.6	.6	.5									93	93	49	3
64/ 63		.6	.3	1.3	1.5	1.2	.6	1.1										62	62	106	13
62/ 61	.3	.5	.4	1.0	.3	.8	.5	.8										43	43	127	36
60/ 59		.8	.5	1.0	.4	.8	.9											40	40	140	47
58/ 57		.9	.3		.3	.8	.4											25	25	133	52
56/ 55		1.7	.3		.3	.1												23	23	135	82
54/ 53	.1	.9	.9		.2	.3	.1											23	23	94	125
52/ 51			.2															2	2	41	104
50/ 49			.2															2	2	31	107
48/ 47		.2																2	2	26	90
46/ 45																				6	65
44/ 43																				3	56
42/ 41																					58
40/ 39																					21
38/ 37																					30
36/ 35																					22
34/ 33																					8
32/ 31																					5
30/ 29																					4
TOTAL	.4	6.1	4.8	6.6	8.7	11.4	14.4	16.2	14.2	8.0	4.9	2.9	.8	.5				930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	2771713	48113	51.7	17,442	930
Dry Bulb	4610472	65052	69.9	8.049	930
Wet Bulb	3182243	54201	58.3	5.016	930
Dew Point	2362396	46420	49.9	6.990	930

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			61.5	34.5	12.5		93
Dry Bulb			3.9	.1			93
Wet Bulb		.9	.2				93
Dew Point							93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

261?2 — STATION
FORT SMITH NWT DOT APT — STATION NAME
57-66 — YEARS
JUL — MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89													.1					1	1		
88/ 87										.1	.2	.1						4	4		
86/ 85								.2	.1		.3	.1						7	7		
84/ 83								.3	.2	.1	.3	.2	.1					12	12		
82/ 81						.2	.1	.2	.2	.9	.1	.2						18	18		
80/ 79							.2	.5	1.3	1.2	.6							36	36		
78/ 77						.2	.6	1.2	1.7	.8	.6							48	48		
76/ 75					.1	.3	.8	1.9	1.3	.4	.2							47	47		
74/ 73				.1	.3	.8	1.5	1.6	1.2	.8	.2							60	60		
72/ 71				.8	1.1	1.9	2.6	1.9	1.4	.3	.2							95	95	4	
70/ 69			.5	.6	1.5	1.9	1.9	1.7	1.2	.1								89	89	9	
68/ 67		.1	.2	.9	2.3	2.9	1.6	1.9	.5	.3								100	100	18	2
66/ 65		.4	1.2	1.6	2.3	2.7	1.4	1.4	.2									104	104	45	6
64/ 63	.1	1.2	.6	2.4	1.5	1.3	1.2	1.3										89	89	85	19
62/ 61	.1	.9	1.5	1.5	1.0	1.1	.4	.1										61	61	123	36
60/ 59	.1	1.5	1.5	1.8	.3	.4	1.0											62	62	150	51
58/ 57		1.0	.9	.3	.5	1.1	.4											39	39	145	67
56/ 55		.9	.4	.4	.4	.5												25	25	133	100
54/ 53	.2	.6	.1	.3	.3	.3	.1											21	21	93	135
52/ 51		.4	.2	.4														10	10	47	106
50/ 49	.1		.1															2	2	30	103
48/ 47																				32	67
46/ 45																				13	56
44/ 43																				3	51
42/ 41																					38
40/ 39																					29
38/ 37																					28
36/ 35																					18
34/ 33																					10
32/ 31																					6
30/ 29																					2
TOTAL	.6	7.0	7.3	11.4	11.6	15.7	13.9	14.4	9.4	4.9	2.9	.6	.2					930	930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3271515	52785	56.8	17.222	930							
Dry Bulb	4327975	63069	67.8	7.401	930			51.7	23.3	5.7		93
Wet Bulb	3135498	53798	57.8	5.022	930			3.1				93
Dew Point	2433844	47122	50.7	7.054	930		.8	.2				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A100 249 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FT SMITH, NORTHWEST TERRITORIES, CANADA. REVISED UNIFORM SUMMAR--ETC(U)
JAN 72

UNCLASSIFIED USAFETAC/DS-81/044 SBIE-AD-E850 072 NL

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | JUL MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79							.2		.1									3	3		
78/ 77						.1	.3	.2	.1									7	7		
76/ 75						.1		.2										3	3		
74/ 73					.2	.5	.6	.2										15	15		
72/ 71				.1	.5	1.0	.6	.2	.1									24	24		
70/ 69		.1	.2	.6	1.6	1.6	.8	.1	.1									48	48	1	
68/ 67			.4	.8	1.4	2.0	.4	.1										48	48	6	
66/ 65		.3	1.6	2.6	2.4	1.3	1.6											91	91	10	2
64/ 63	.2	1.4	2.5	2.5	2.4	1.3	.4	.1										100	100	35	6
62/ 61		1.6	3.2	4.0	1.3	.6	.6											106	106	78	30
60/ 59	1.0	2.3	3.2	2.8	1.2	.4	.3											104	104	113	56
58/ 57	.3	3.4	5.3	2.3	.8	.5												117	117	136	77
56/ 55	.2	4.8	2.8	1.5	.5	.1	.1											94	94	149	109
54/ 53	.3	2.5	1.3	1.2	.6	.2												57	57	161	137
52/ 51	.2	1.8	1.8	1.0	.4													49	49	80	143
50/ 49	.2	1.3	1.4	.5	.2													38	38	58	117
48/ 47	.1	1.0	.4	.3														17	17	50	71
46/ 45		.2	.2	.1														5	5	34	60
44/ 43			.1															1	1	15	45
42/ 41		.1	.1															2	2	5	24
40/ 39			.1															1	1	2	21
38/ 37																				1	20
36/ 35																					6
34/ 33																					4
32/ 31																					2
TOTAL	2.6	20.9	29.2	20.2	13.5	9.9	6.1	1.2	.4										930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5240714	68564	73.7	14.144	930							
Dry Bulb	3414329	56031	60.2	6.442	930			14.8	2.8	.2		93
Wet Bulb	2845952	51232	55.1	5.048	930			.7				93
Dew Point	2478112	47694	51.3	5.885	930		.2					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT OOT APT STATION NAME | 57-66 YEARS | AUG MONTH

0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		
86/ 85								.1										1	1
72/ 71							.1											1	1
70/ 69						.1	.1											2	2
68/ 67				.2	.2	.1												5	5
66/ 65				.3	.3	.1												9	9
64/ 63			.6	.4	.5	.1												16	16
62/ 61		.3	1.8	1.3	.1	.1												36	36	2	
60/ 59	.2	2.3	2.5	1.2	1.1													67	67	33	7
58/ 57	.6	3.3	3.5	.9														78	78	58	40
56/ 55	1.2	6.1	3.4	.6	.3													109	109	94	47
54/ 53	.2	7.6	4.6	.5	.2													123	123	109	94
52/ 51	1.3	7.8	2.4	.8														114	114	142	126
50/ 49	.6	6.0	1.9	1.0														89	89	124	127
48/ 47	2.2	5.9	1.7	.2														93	93	101	131
46/ 45	.9	4.6	1.0															60	60	86	96
44/ 43	.8	2.8	.1	.1														35	35	64	82
42/ 41	.5	3.1	.1															35	35	41	64
40/ 39	.4	1.7	.3															23	23	25	37
38/ 37	.6	1.2	.1															18	18	28	30
36/ 35	.5	.4																9	9	13	24
34/ 33	.2	.4																6	6	9	16
32/ 31	.1																	1	1	5	7
30/ 29																					2
TOTAL	10.4	53.8	24.2	8.0	2.8	.5	.2	.1											930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7021723	80315	86.4	9,605	930							
Dry Bulb	2328188	48090	51.7	6.681	930		.1	.9	.1	.1		93
Wet Bulb	2300414	45936	49.4	5,820	930		.3					93
Dew Point	2132297	44193	47.5	5.894	930		.9					93

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26107 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | AUG MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67					.2	.1												3	3		
66/ 65					.1													1	1		
64/ 63			.1	.4	.5													10	10		
62/ 61			.3	.8	.2													12	12	1	
60/ 59	.1	2.8	2.6	1.0	.1													61	61	8	1
58/ 57	.2	3.3	1.3	.4	.2													51	51	44	30
56/ 55	1.6	3.9	1.4	.2														66	66	88	46
54/ 53	2.0	8.0	1.9	.5														116	116	85	67
52/ 51	1.0	8.4	2.3	.2	.1													111	111	102	114
50/ 49	1.6	8.7	1.5	.1														111	111	127	116
48/ 47	2.2	6.6	1.2															92	92	122	126
46/ 45	2.6	6.3	1.1	.1														94	94	91	104
44/ 43	1.0	5.8	.2															65	65	84	83
42/ 41	1.3	1.9	.3															33	33	61	84
40/ 39	1.2	2.0	.2															32	32	29	44
38/ 37	1.6	1.6																30	30	40	45
36/ 35	1.1	1.6																23	23	22	27
34/ 33	.6	.5																11	11	20	22
32/ 31	.2	.2																4	4	3	16
30/ 29	.2																	2	2	3	4
28/ 27																					1
TOTAL	18.5	61.7	14.4	3.8	1.5	.1													930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7556790	83484	89.8	8.177	930							
Dry Bulb	2313631	45939	49.4	6.757	930		.6	.3				93
Wet Bulb	2140825	44455	47.8	6.167	930		.6					93
Dew Point	2039166	43126	46.4	6.166	930		2.1					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION NUMBER
FORT SMITH NAT GUT APT — STATION NAME
57-66 — YEARS
AUG — MONTH
PAGE 1
0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69				.1	.1	.2												4	4		
68/ 67			.1	.4	.2													7	7		
66/ 65			.6	.9	1.1													24	24		
64/ 63		.2	1.5	1.4	.4													33	33	5	
62/ 61	.1	1.2	2.0	1.6	.8													53	53	17	4
60/ 59	.2	2.8	4.5	1.0	.5	.2												86	86	43	20
58/ 57	.2	3.2	4.2	1.1	.2													83	83	91	48
56/ 55	1.0	6.8	3.0	1.4	.1													114	114	104	70
54/ 53	1.9	6.0	3.4	1.0														115	115	135	123
52/ 51	1.0	7.3	2.2	.2														99	99	114	125
50/ 49	1.0	5.3	2.9	.3														88	88	112	131
48/ 47	1.9	3.9	1.4															67	67	91	102
46/ 45	1.6	3.3	1.4	.1														60	60	74	90
44/ 43	1.1	2.0	.5	.1														35	35	54	73
42/ 41	.5	1.5	.1															20	20	37	57
40/ 39	.5	.9	.3															16	16	18	32
38/ 37	.5	.9																13	13	16	22
36/ 35	.4	.4																8	8	13	18
34/ 33	.1	.1																2	2	2	8
32/ 31	.1	.1																2	2	3	2
30/ 29	.1																	1	1	1	5
TOTAL	12.4	45.9	28.3	9.6	3.4	.4												930		930	
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6930529	79785	85.8	9.607	930							
Dry Bulb	2658891	49327	53.0	6.771	930		.3	1.1				93
Wet Bulb	2415362	47076	50.6	5.924	930		.4					93
Dew Point	2237325	45283	48.7	5.909	930		.7					93

USAFETAC FORM 0 26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NWT DOT APT — STATION NAME
57-66 — YEARS
AUG — MONTH

PAGE 1
0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79							.1											1	1		
78/ 77						.1	.3	.2	.1									7	7		
76/ 75					.2	.3	.9	.1	.3									17	17		
74/ 73				.1	.6	.6	1.3	1.0	.1									35	35		
72/ 71				.2	1.1	1.6	.9	.2	.2									39	39		
70/ 69				.4	1.9	2.3	1.6	.3	.1	.1								63	63	1	
68/ 67				1.7	1.9	2.2	1.1	.2	.1									67	67	6	
66/ 65		.2	.9	2.4	1.9	2.4	.5	.1										78	78	18	3
64/ 63	.1	.6	1.5	3.1	2.6	2.0	.4											97	97	40	7
62/ 61	.1	.3	2.6	2.7	1.8	1.3		.1										83	83	79	20
60/ 59		1.1	2.5	1.9	1.5	1.2	.5											81	81	125	44
58/ 57	.1	1.9	2.6	3.3	1.2	.9	.1											94	94	107	73
56/ 55		3.2	2.8	1.9	1.4	.2												89	89	135	94
54/ 53	.4	2.9	1.0	1.9	.6	.1												65	65	122	132
52/ 51	.2	2.2	1.0	1.6	.1													47	47	98	114
50/ 49	.8	.6	1.5	.4	.2													33	33	83	130
48/ 47	.2	.8	1.0	.3														21	21	51	98
46/ 45		.4	.1	.1														6	6	41	52
44/ 43		.5		.1														6	6	14	48
42/ 41																				7	62
40/ 39	.1																	1	1	3	32
38/ 37																					9
36/ 35																					6
34/ 33																					3
32/ 31																					3
TOTAL	2.0	14.8	17.3	22.4	17.2	15.2	7.7	2.3	1.0	.1									930		930
																		930		930	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean ilo. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4711441	64807	69.7	14.502	930							
Dry Bulb	3519044	56808	61.1	7.262	930			22.9	6.0			93
Wet Bulb	2836550	51118	55.0	5.373	930			.7				93
Dew Point	2401782	46934	50.5	5.976	930		.3					93

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | AUG MONTH

1200-1400 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85										.1								1	1		
84/ 83								.1	.1	.2	.1							5	5		
82/ 81							.2	.2	.8	.1	.1							13	13		
80/ 79						.1	.2	.9	1.0	.8	.3							30	30		
78/ 77					.1	.2	1.6	.4	2.2	.4	.1	.1						48	48		
76/ 75				.1	.4	.3	1.0	1.0	1.1	.4	.3							43	43		
74/ 73				.2	.5	1.0	1.2	2.7	1.0	.8								67	67		
72/ 71				.2	1.0	1.8	2.7	1.1	.4		.2							69	69		
70/ 69			.1	.3	2.0	1.8	2.4	1.6	.3	.2								82	82	7	
68/ 67			.4	1.0	1.2	1.7	1.8	1.2										68	68	22	2
66/ 65		.4	.5	.3	1.6	2.5	1.0	1.1	.1									70	70	46	1
64/ 63		.4	.5	1.9	1.9	2.0	.9	.5	.3									80	80	58	21
62/ 61	.1	.6	1.1	1.4	2.6	1.5	1.8	.2										87	87	103	22
60/ 59		.2	2.4	1.7	1.2	1.7	.9	.1										76	76	119	46
58/ 57		1.1	1.8	1.5	1.2	.4	.1											57	57	106	68
56/ 55		1.9	1.4	.8	1.4	.1												52	52	136	63
54/ 53	.1	.6	.5	.4	1.3	.4												32	32	107	107
52/ 51		.8		1.5	.2	.2												25	25	82	123
50/ 49		.4	.8	.1														12	12	66	112
48/ 47		.4	.1															5	5	31	96
46/ 45	.2	.2																4	4	36	68
44/ 43		.3																3	3	8	42
42/ 41	.1																	1	1	3	68
40/ 39																					53
38/ 37																					17
36/ 35																					8
34/ 33																					8
32/ 31																					5
TOTAL	.5	7.5	9.7	11.5	16.7	15.9	15.7	11.1	7.2	2.9	1.2	.1						930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3499036	55038	59.2	16.135	930							
Dry Bulb	4054212	60936	65.5	8.138	930			42.6	20.7	2.9		93
Wet Bulb	2994361	52515	56.5	5.583	930			2.9				93
Dew Point	2354123	46375	49.9	6.092	930		.5	.2				93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | AUG MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87											.1	.1						2	2		
86/ 85										.2	.1							3	3		
84/ 83								.1	.4	.4	.4							13	13		
82/ 81								.1	.6	.8	.4	.1						19	19		
80/ 79						.1	.4	.4	1.9	1.1	1.1	.1	.1					49	49		
78/ 77						.2	1.6	.3	1.0	.8	.2	.2						40	40		
76/ 75						.2	.6	2.2	2.5	.8								58	58		
74/ 73				.1		.4	1.7	2.2	1.3	.2								55	55		
72/ 71				.6	.4	1.6	2.5	1.1	.4	.2								64	64		
70/ 69			.4	.2	.8	1.3	2.0	2.5	.5	.1								73	73	4	
68/ 67		.1	.3	1.0	1.4	.6	1.3	2.0	.3									66	66	21	
66/ 65	.1		.2	1.5	1.6	1.4	1.4	.8	.6									71	71	51	2
64/ 63		.8	.5	2.2	2.5	1.9	.6	1.0	.2									90	90	56	19
62/ 61	.1	1.0	.5	1.5	1.5	2.9	2.2	.6										96	96	112	23
60/ 59		.4	1.7	1.9	1.7	1.8	.3											74	74	132	38
58/ 57		1.1	1.1	.8	1.2	1.4	.1	.1										53	53	100	52
56/ 55	.1	1.1	1.1	.5	.4	.6												36	36	117	81
54/ 53		.6	.4	.9	1.0	.5												32	32	114	104
52/ 51		1.0	.4	.2	.3													18	18	83	94
50/ 49		.1	.2	.1														4	4	71	117
48/ 47	.2	.8	.1															10	10	33	100
46/ 45		.4																4	4	27	82
44/ 43																				9	64
42/ 41																					57
40/ 39																					37
38/ 37																					29
36/ 35																					16
34/ 33																					14
32/ 27																					1
TOTAL	.5	7.3	7.1	11.5	12.8	15.2	14.8	13.3	9.9	4.5	2.4	.5	.1					930		930	930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	3238701	52685	56.7	16.537	930
Dry Bulb	4168225	61783	66.4	8.285	930
Wet Bulb	3010752	52670	56.6	5.472	930
Dew Point	2312628	45952	49.4	6.732	930

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			44.2	23.9	5.9		93
Wet Bulb			2.5				93
Dew Point		.1					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | AUG MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83										.1	.1							2	2		
82/ 81							.1		.2	.1								4	4		
80/ 79							.1	.2	.3	.2								8	8		
78/ 77						.1	.3	1.2	.5	.5								25	25		
76/ 75					.2	.4	1.1	.4	1.1	.1								31	31		
74/ 73					.2	.9	1.4	1.2	.5	.1								40	40		
72/ 71			.1	.3	.6	1.0	2.5	1.2	.4									57	57		
70/ 69			.1	1.0	1.1	2.4	1.2	.8										60	60	1	
68/ 67			.2	1.4	1.5	1.9	2.0	.5	.1									72	72	6	
66/ 65			.9	2.8	1.3	2.0	.9	.4	.2									79	79	26	1
64/ 63		.1	1.1	1.8	2.4	1.3	.5	.2	.1									69	69	51	6
62/ 61		1.3	1.4	2.3	1.8	1.4	.5	.3										84	84	80	23
60/ 59	.1	1.7	2.6	2.9	2.5	1.3	.4	.1										108	108	134	37
58/ 57		2.0	2.8	1.6	1.5	.6	.1											81	81	116	72
56/ 55	.2	1.7	3.1	1.5	1.3	.6												79	79	130	102
54/ 53		1.7	1.6	1.0	.6	.1												47	47	104	119
52/ 51		1.5	1.0	.5	.5	.1												34	34	102	111
50/ 49		.9	1.1	.4	.2													24	24	69	129
48/ 47	.1	.6		.3														10	10	58	95
46/ 45	.6	.4	.1	.1														12	12	35	69
44/ 43		.4																4	4	10	50
42/ 41																				7	45
40/ 39																				1	35
38/ 37																					15
36/ 35																					10
34/ 33																					9
32/ 31																					2
TOTAL	1.1	12.4	16.0	18.0	15.8	14.2	11.2	6.6	3.5	1.2	.1							930	930		930
																		930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4246103	61105	65.7	15.777	930
Dry Bulb	3710903	58297	62.7	7.803	930
Wet Bulb	2888429	51583	55.5	5.426	930
Dew Point	2377714	46674	50.2	6.163	930

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			29.9	11.0	.7		93
Dry Bulb			.7				93
Wet Bulb		.2					93
Dew Point							93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | AUG MONTH

 2100-2300 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73					.1													1	1		
72/ 71					.1		.4											5	5		
70/ 69				.2	.5	.2	.2											11	11		
68/ 67			.1	.5	.6	.4												16	16		
66/ 65		.1	1.0	1.2	1.6	.9												44	44	1	
64/ 63		.4	1.3	2.6	.9	.3												51	51	10	
62/ 61	.1	1.5	3.3	2.7	1.5	.4												89	89	29	7
60/ 59	.1	2.3	3.3	2.4	1.0	.1												85	85	59	32
58/ 57	.3	3.3	4.2	1.9	.9	.1												100	100	99	46
56/ 55	.9	5.8	3.8	1.5	.2	.2												115	115	132	82
54/ 53	.2	4.3	4.3	1.2	.5	.1												99	99	126	106
52/ 51	.5	4.5	3.1	1.2	.1													88	88	109	138
50/ 49	.4	4.3	2.2	.6	.3													73	73	108	122
48/ 47	.9	3.3	1.7	.9														63	63	92	108
46/ 45	.3	2.3	1.0	.3														36	36	60	99
44/ 43	.6	2.3	.3	.1														31	31	51	57
42/ 41	.4	.4	.3															11	11	31	51
40/ 39	.3	.1																4	4	12	33
38/ 37		.4																4	4	4	19
36/ 35	.1	.3																4	4	6	18
34/ 33																				1	12
TOTAL	5.3	35.7	29.9	17.3	8.4	2.8	.6												930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6154697	74911	80.5	11.396	930							
Dry Bulb	2882113	51403	55.3	6.640	930			3.3	.1			93
Wet Bulb	2525717	48185	51.8	5.603	930							93
Dew Point	2271883	45641	49.1	5.868	930							93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NWT OUT APT — STATION NAME
57-66 — YEARS
SEP — MONTH

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59			.3															3	3		
58/ 57		.3	.3	.1														7	7	1	
56/ 55	.1	.8	1.1	.3	.1													22	22	8	7
54/ 53	.2	.9	.8	.2	.3													22	22	14	3
52/ 51	.4	2.7	1.3	.2														42	42	28	14
50/ 49	.4	2.7	1.1															38	38	41	34
48/ 47	.2	5.3	1.6	.6														69	69	47	46
46/ 45	1.6	6.9	2.1	.3														98	98	86	56
44/ 43	2.0	6.7	1.3	.1														91	91	96	94
42/ 41	1.8	5.9	.7															75	75	93	85
40/ 39	1.4	6.9	1.7	.3														93	93	85	69
38/ 37	1.8	4.0	1.4	.6														70	70	75	101
36/ 35	1.3	5.0	1.4															70	70	77	66
34/ 33	2.7	3.6	.8															63	63	70	66
32/ 31	1.8	2.9	.1															43	43	66	74
30/ 29	1.3	1.9	.3															32	32	38	56
28/ 27	1.4	1.6																27	27	32	39
26/ 25	.7	1.0																15	15	19	37
24/ 23	.3	.3																6	6	9	18
22/ 21	.2	.1																3	3	3	14
20/ 19		.1																1	1	1	7
18/ 17	.1	.1																2	2	3	2
16/ 15	.2	.4																6	6	3	1
14/ 13	.1	.1																2	2	5	6
12/ 11																					1
10/ 9																					3
8/ 7																					1
TOTAL	20.2	60.1	16.4	2.8	.4														900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7009537	79017	87.8	8.956	900							
Dry Bulb	1541054	36548	40.6	7.954	900		13.7					90
Wet Bulb	1426020	35168	39.1	7.592	900		17.9					90
Dew Point	1298402	33404	37.1	8.073	900		25.9					90

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | SEP MONTH

PAGE 1 | 0300-0900 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59			.3															3	3		
58/ 57			.3															3	3	1	
56/ 55		.1	.1															2	2	6	2
54/ 53	.1	1.3	.6	.2	.1													23	23	2	6
52/ 51	.6	2.3	.2	.2	.4													34	34	24	10
50/ 49	.2	4.1	.6	.1														47	47	33	28
48/ 47	.7	4.7	.7															54	54	57	33
46/ 45	1.7	4.8	1.0															67	67	62	68
44/ 43	2.8	9.2	2.7	.1														127	127	89	72
42/ 41	2.8	4.3	.9															72	72	114	101
40/ 39	1.4	5.8	.7															71	71	67	73
38/ 37	1.8	4.0	.8	.2														61	61	78	77
36/ 35	2.8	5.2	1.7	.1														86	86	54	71
34/ 33	2.7	4.2	1.1															72	72	89	65
32/ 31	2.9	2.9	.1															53	53	78	72
30/ 29	2.3	3.7	.2															56	56	55	78
28/ 27	1.3	1.7																27	27	40	42
26/ 25	.3	1.1																13	13	16	38
24/ 23	.3	.7	.1															10	10	11	23
22/ 21	.3	.6																8	8	9	15
20/ 19																				4	5
18/ 17		.1																1	1		4
16/ 15	.1	.2																3	3	2	4
14/ 13	.3																	3	3	3	2
12/ 11	.1	.1																2	2	2	2
10/ 9	.2																	2	2	2	4
8/ 7																					4
6/ 5																					1
TOTAL	25.8	61.1	11.8	1.0	.6														900		900
																		900		900	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7246400	80404	89.3	8.390	900							
Dry Bulb	1448979	35393	39.3	7.972	900		17.8					90
Wet Bulb	1356134	34238	38.0	7.725	900		22.4					90
Dew Point	1249983	32707	36.3	8.263	900		29.4					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102	FORT SMITH NWT DOT APT	57-66	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 1 0600-0800 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61			.2															2	2		
60/ 59			.2															2	2		
58/ 57			.1															1	1	2	
56/ 55		.6	.1															6	6	2	2
54/ 53		.9	.8															15	15	7	4
52/ 51	.6	3.2	1.2	.1	.4													50	50	24	13
50/ 49	.4	3.4	.7	.2														43	43	44	27
48/ 47	.6	4.9	.7															55	55	49	48
46/ 45	2.7	5.0	1.6															83	83	76	74
44/ 43	3.7	6.0	1.6	.1														102	102	93	76
42/ 41	2.9	4.2	1.1															74	74	84	83
40/ 39	2.4	6.6	1.3															93	93	86	69
38/ 37	3.0	4.6	1.6	.2														84	84	91	80
36/ 35	1.8	4.0	1.0	.2														63	63	68	101
34/ 33	2.6	4.6	1.7															79	79	74	56
32/ 31	2.0	2.9	.1															45	45	78	67
30/ 29	1.6	2.9	.1															41	41	44	67
28/ 27	1.2	1.6	.2															27	27	31	47
26/ 25	.2	.9																10	10	18	37
24/ 23		.6																5	5	5	11
22/ 21	.3	.6	.2															10	10	10	12
20/ 19	.1	.1																2	2	5	6
18/ 17		.2																2	2	2	6
16/ 15	.1																	1	1	2	3
14/ 13	.3	.1																4	4	3	3
12/ 11	.1																	1	1	2	2
10/ 9																					5
8/ 7																					1
TOTAL	26.6	57.7	14.4	.9	.4													900	900	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7203496	80130	89.1	8.548	900							
Dry Bulb	1483528	35872	39.9	7.732	900		14.8					90
Wet Bulb	1386915	34675	38.5	7.529	900		20.0					90
Dew Point	1276390	33104	36.8	8.084	900		26.7					90

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NAT DOT APT STATION NAME | 57-66 YEARS | SEP MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73							.2											2	2		
72/ 71						.1												1	1		
70/ 69					.2	.2												4	4		
68/ 67					.3		.1	.1										5	5		
66/ 65				.4														4	4		
64/ 63				.4	.3	.4												11	11	1	
62/ 61			.2	.6	.9	.3	.2											20	20	5	
60/ 59		.1	.6	.8	1.3	.2												29	29	9	
58/ 57		.3	1.1	1.3	.7	.3												34	34	8	3
56/ 55		.4	1.8	1.7	1.0	.3												47	47	27	15
54/ 53	.1	1.0	1.8	1.4	.7	.3												48	48	39	13
52/ 51	.1	2.7	2.4	2.4	.8	.1												77	77	53	33
50/ 49	.6	3.2	3.6	1.3	.8	.3												88	88	77	43
48/ 47	.4	3.4	2.8	1.6	.6	.1												80	80	81	63
46/ 45	1.3	4.0	3.4	1.8	.4													99	99	104	99
44/ 43	1.4	2.8	2.4	1.4	.2													75	75	98	77
42/ 41	.8	3.4	2.7	1.4														75	75	90	90
40/ 39	.2	2.2	2.2	.8														49	49	69	78
38/ 37	1.1	2.2	1.8	.4														50	50	75	91
36/ 35	.9	1.4	1.4	.7														40	40	65	58
34/ 33	.2	1.0	.8	.1														19	19	21	59
32/ 31	.1	1.2	.4															16	16	34	43
30/ 29		.4	.3															7	7	16	39
28/ 27	.1	.6	.6															11	11	6	36
26/ 25		.3	.2															5	5	11	21
24/ 23		.4																4	4	6	16
22/ 21																				5	4
20/ 19																					7
18/ 17																					4
16/ 15																					7
10/ 9																					1
TOTAL	7.4	31.3	30.8	18.7	8.2	2.9	.6	.1											900		900
																		900		900	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5476779	69187	76.9	13.260	900							
Dry Bulb	2025831	42015	46.7	8.466	900		4.3	1.2	.2			90
Wet Bulb	1726332	38846	43.2	7.432	900		7.8					90
Dew Point	1456992	35462	39.4	8.150	900		17.8					90

USAFETAC FORM 0-26-5 (OL-A) JUL 74 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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26102 — STATION NO.
FORT SMITH NWT DOT APT — STATION NAME
57-66 — YEARS
SEP — MONTH
PAGE 1
1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79									.1	.1								2	2		
78/ 77								.2		.1								3	3		
76/ 75								.1		.2								3	3		
74/ 73							.2		.2									4	4		
72/ 71						.8	.1	.1	.2									11	11		
70/ 69				.1	.4	.3	.4	.6	.2									19	19		
68/ 67				.2	.1	.2	1.0	.3	.3									20	20		
66/ 65					.4	.7	1.2	.7										27	27		
64/ 63				.2	1.3	1.7	.9	.4										41	41	8	
62/ 61			.3	.2	1.6	1.4	.7		.1									39	39	15	
60/ 59		.1	1.0	.3	1.4	1.1	.7	.2										44	44	9	3
58/ 57		.3	1.0	1.2	2.3	1.8	1.0											69	69	24	6
56/ 55		.3	.8	2.0	1.6	1.2	.1											54	54	53	19
54/ 53		1.1	1.3	2.2	1.7	.8	.3											67	67	65	17
52/ 51	.1	1.8	2.6	2.4	1.4	.4												79	79	80	29
50/ 49	.3	1.8	2.3	2.1	1.4	.8	.3											82	82	81	43
48/ 47	.1	1.7	2.7	1.3	1.2	.3												66	66	107	65
46/ 45	.2	1.9	2.1	1.3	1.6	.1												65	65	94	102
44/ 43	.1	1.6	2.0	1.3	1.2													56	56	73	94
42/ 41	.1	1.3	1.7	1.2														39	39	61	85
40/ 39	.1	1.0	1.4	.9	.1													32	32	67	72
38/ 37	.3	1.0	.7	.6														23	23	55	68
36/ 35		.1	.9	.6	.2													16	16	39	63
34/ 33	.2	1.2	.4	.3														20	20	17	53
32/ 31		.2	.4		.1													7	7	23	32
30/ 29		.1	.2	.1														4	4	10	42
28/ 27		.2	.4	.1														7	7	8	42
26/ 25		.1																1	1	6	22
24/ 23																				4	13
22/ 21																				1	14
20/ 19																					5
18/ 17																					6
16/ 15																					1
14/ 13																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | SEP MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7																					2
4/ 3																					1
TOTAL	1.7	15.9	22.3	18.9	18.2	11.7	7.0	2.7	1.2	.4								900		900	
																		900	900		900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4088619	58939	65.5	15.954	900		1.9	6.2	1.2	.1		90
Dry Bulb	2487874	46506	51.7	9.710	900		5.2					90
Wet Bulb	1933994	41140	45.7	7.710	900		18.1					90
Dew Point	1481651	35691	39.7	8.585	900							90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | SEP MONTH

PAGE 1 | 1500-1700 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
80 / 79										.2	.1								3	3		
78 / 77								.2			.1								3	3		
76 / 75								.1		.1	.1								3	3		
74 / 73					.1	.3	.8		.1		.1								13	13		
72 / 71					.1	.3	.2	.4	.6	.2									17	17		
70 / 69				.2		.2	.2	.2	.6										13	13		
68 / 67				.2	.1	.6	.4	.7	.3										21	21		
66 / 65					.2	1.3	2.1	.6	.3										41	41	3	
64 / 63			.1	.1	.7	.9	.7	.8											29	29	11	
62 / 61			.2	.3	1.2	1.3	.3	.6	.1										37	37	11	2
60 / 59		.4	.4	.9	1.3	1.0	1.6	.3	.1										55	55	11	5
58 / 57		.4	.4	.6	2.0	2.1	.9												58	58	26	7
56 / 55		.9	.9	2.1	1.6	1.4	.9												70	70	49	17
54 / 53		.7	1.0	2.7	1.4	.4	.2												58	58	72	19
52 / 51		2.1	2.8	2.8	1.7	.8													91	91	61	25
50 / 49	.2	1.7	2.7	2.8	1.2	.8													84	84	109	50
48 / 47	.1	.3	2.8	1.8	1.3	.6													62	62	97	48
46 / 45		1.1	2.2	1.4	1.2	.1													55	55	89	83
44 / 43	.4	.6	1.6	2.0	1.4	.1													55	55	91	95
42 / 41	.2	1.0	1.8	.4	.2														33	33	63	93
40 / 39	.1	.2	1.3	.3	.2														20	20	55	78
38 / 37		1.3	.9	1.3															32	32	50	67
36 / 35		.8	.6	.7															18	18	31	68
34 / 33		.2	.1	.4	.1														8	8	24	53
32 / 31		.3	.9	.3	.1														15	15	18	43
30 / 29		.1	.3																4	4	12	44
28 / 27		.1	.1																2	2	10	30
26 / 25																					7	30
24 / 23																						17
22 / 21																						10
20 / 19																						7
18 / 17																						4
16 / 15																						1
12 / 11																						2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

76102	FORT SMITH NWT DOT APT	57-66	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
10/ 9																					2
TOTAL	1.	11	2.3	21.1	21.4	16.3	12.3	8.3	3.9	2.1	.6	.4							900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3838005	56957	63.3	16.114	900							
Dry Bulb	2561702	47200	52.4	9.799	900		2.1	7.3	2.2	.3		90
Wet Bulb	1955244	41380	46.0	7.655	900		4.7					90
Dew Point	1466321	35491	39.4	8.617	900		19.0					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | SEP MONTH

PAGE 1 | 1800-2000 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77									.1									1	1		
72/ 71						.1	.2											3	3		
70/ 69					.1		.2	.1	.1									5	5		
68/ 67					.2	.3	.1											6	6		
66/ 65			.2	.2	.3	.1	.4	.1										13	13		
64/ 63				.2	.9	.3	.1	.1										15	15		
62/ 61		.2	.2	.7	.8	1.0	.2											28	28	7	
60/ 59		.1	.3	1.0	1.4	.8	.1	.1										35	35	10	3
58/ 57		.8	.9	1.2	.8	.4	.1											38	38	14	4
56/ 55		1.1	1.0	1.6	.7	.7	.1											46	46	30	10
54/ 53		1.4	1.4	1.7	.7	.7												53	53	45	20
52/ 51		2.0	3.1	2.7	1.1	.2												82	82	62	32
50/ 49	.3	3.2	3.2	2.1	1.0	.2												91	91	61	45
48/ 47	.4	3.3	3.3	1.6	.4													82	82	97	60
46/ 45	.1	2.2	2.9	1.4	.2													62	62	101	80
44/ 43	.4	3.3	2.0	2.1	.1		.1											73	73	95	79
42/ 41	.7	3.7	2.4	.9	.1													70	70	79	88
40/ 39	.1	2.4	1.8	1.0	.1													49	49	75	87
38/ 37	.3	2.0	1.3	.3														36	36	58	87
36/ 35	.2	2.4	1.4	.3														40	40	42	54
34/ 33	.3	1.4	1.1															26	26	42	61
32/ 31	.2	.8	.4	.3														16	16	30	46
30/ 29		.9	.2															10	10	17	43
28/ 27		.8	.4															11	11	16	32
26/ 25		.6																5	5	9	25
24/ 23		.3																3	3	6	18
22/ 21		.1																1	1	3	9
20/ 19																				1	10
18/ 17																					1
16/ 15																					1
14/ 13																					3
12/ 11																					1
10/ 9																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION — FORT SMITH NWT OUT APT STATION NAME — 57-66 YEARS — SEP MONTH

PAGE 2 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	3.2	33.2	27.9	19.3	9.0	4.9	1.8	.4	.2									900		900	
																		900	900		900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5202923	67229	74.7	14.169	900							
Dry Bulb	2094160	42638	47.4	9.083	900		4.6	1.5	.1			90
Wet Bulb	1750851	39081	43.4	7.738	900		8.2					90
Dew Point	1447576	35306	39.2	8.342	900		19.0					90

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION — FORT SMITH NWT DOT APT STATION NAME — 57-66 YEARS — SEP MONTH

PAGE 1 — 2100-2300 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63					.1													1	1		
62/ 61		.1		.1	.1		.1											4	4		
60/ 59		.3	.8	.2	.1		.1											14	14	2	1
58/ 57	.1	.6	1.3	.7	.1	.1												26	26	3	3
56/ 55		.2	.8	1.0	.2		.1											21	21	18	4
54/ 53	.3	1.6	1.1	.4	.1													32	32	21	7
52/ 51		1.6	1.9	.4														35	35	31	28
50/ 49	.6	3.1	2.8	1.1	.6													73	73	46	29
48/ 47	.6	6.3	2.9	1.7	.1													104	104	68	44
46/ 45	.6	7.1	1.7	.7														90	90	105	73
44/ 43	.6	4.3	2.7	.3														71	71	93	94
42/ 41	1.9	5.1	1.1	.8														80	80	95	88
40/ 39	.9	5.1	1.8	.2														72	72	72	75
38/ 37	1.0	5.1	1.9	.3	.1													76	76	74	95
36/ 35	1.3	3.8	1.3															58	58	80	78
34/ 33	1.2	2.8	.9	.1														45	45	53	55
32/ 31	.8	2.1	.3	.1														30	30	44	62
30/ 29	.8	2.1	.2															28	28	38	41
28/ 27	.7	.9	.1															15	15	25	45
26/ 25	.1	.8	.1															9	9	8	22
24/ 23	.2	.3	.2															7	7	10	14
22/ 21																				3	19
20/ 19	.2	.4																6	6	6	6
18/ 17	.3																	3	3	5	7
16/ 15																					5
14/ 13																					1
12/ 11																					2
10/ 9																					2
TOTAL	12.1	53.8	23.9	8.2	1.6	.1	.3											900	900	900	900

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6439274	75486	83.9	10.961	900							
Dry Bulb	1696089	38375	42.6	8.157	900		9.8					90
Wet Bulb	1925072	36414	40.5	7.588	900		13.9					90
Dew Point	1350438	34074	37.9	8.196	900		22.6					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) OCT (MONTH)

 0000-0200 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55					.1													1	1		
54/ 53			.4															3	3		
52/ 51		.1	.3	.5	.1													10	10		
50/ 49		.4	.3	.5	.1													13	13	4	1
48/ 47		.5	.1	.9														14	14	9	4
46/ 45	.1	.3	.8	.1														12	12	18	10
44/ 43	.5	.8	1.3		.1	.1												26	26	17	9
42/ 41	.2	1.4	1.8	.5	.1													38	38	28	13
40/ 39	.9	4.0	2.2	.3	.1													69	69	60	31
38/ 37	1.2	2.4	1.4	.2														48	48	65	47
36/ 35	1.1	3.2	1.1	.2														52	52	59	52
34/ 33	2.9	6.9	1.2															102	102	82	77
32/ 31	3.9	5.4	.8															93	93	112	88
30/ 29	3.1	5.8																83	83	94	89
28/ 27	2.0	6.1	.5															81	81	77	77
26/ 25	2.9	3.7	.2															63	63	78	86
24/ 23	1.9	4.6	.1															62	62	62	69
22/ 21	1.7	2.3																37	37	47	64
20/ 19	1.0	2.0																28	28	33	51
18/ 17	1.4	.9																21	21	27	36
16/ 15	2.3	.6																27	27	30	31
14/ 13	1.1	.5																15	15	13	30
12/ 11	.3	.5																8	8	7	21
10/ 9	.8																	7	7	11	9
8/ 7	.5	.1																6	6	5	12
6/ 5	.3																	3	3	4	7
4/ 3	.2																	2	2	2	4
2/ 1	.2																	2	2	2	4
0/ -1	.1																	1	1	1	3
-2/ -3	.1																	.	1	1	1
-4/ -5	.1																	1	1	1	1
-6/ -7	.1																	1	1	1	1
-8/ -9																					1
-10/-11																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NAT DOT APT STATION NAME | 57-66 YEARS | OCT MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	31.0	52.6	12.4	3.3	.6	.1												930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6967771	80001	86.0	9.615	930							
Dry Bulb	942685	28297	30.4	9.378	930	.4	54.2					93
Wet Bulb	859369	27097	29.1	8.671	930	.4	60.8					93
Dew Point	733597	24719	26.6	9.079	930	.8	68.6					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | OCT MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53			.2															2	2		
52/ 51			.2															2	2		
50/ 49		.2	.1	.2														5	5	3	
48/ 47	.1	.3	.4	.5	.1													16	16	5	4
46/ 45	.1	.5	.8	.3														16	16	10	6
44/ 43	.6	.9	.6															20	20	15	11
42/ 41	.3	1.1	.6	.3	.2													24	24	28	14
40/ 39	1.1	2.0	.9	.2	.4													43	43	28	19
38/ 37	1.9	3.2	1.1															58	58	53	43
36/ 35	1.3	3.9	.3															51	51	48	44
34/ 33	2.3	8.0	1.3	.1														108	108	82	61
32/ 31	5.2	6.0	.3															107	107	129	103
30/ 29	4.1	7.3																106	106	112	110
28/ 27	2.0	4.5	.1															62	62	79	80
26/ 25	2.7	4.7	.2															71	71	72	81
24/ 23	2.2	3.1	.4															53	53	60	61
22/ 21	2.2	1.9																38	38	50	62
20/ 19	2.3	2.6																45	45	39	45
18/ 17	1.8	.8																24	24	36	45
16/ 15	1.4	.6																19	19	19	33
14/ 13	1.3	.5																17	17	17	34
12/ 11	.9	.2																10	10	11	23
10/ 9	1.2	.1																12	12	13	8
8/ 7	.5	.1																6	6	6	14
6/ 5	.4	.1																5	5	5	8
4/ 3	.1																	1	1	1	4
2/ 1	.2																	2	2	2	6
0/ -1	.3																	3	3	3	2
-2/ -3	.2																	2	2	2	2
-4/ -5																					4
-6/ -7	.2																	2	2	2	2
-10/-11																					1
TOTAL	36.9	53.0	7.6	1.7	.8													930	930	930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Hum.	7162348	81204	87.3	8.799	930							
Dry Bulb	878037	27287	29.3	9.128	930	.7	58.5					93
Wet Bulb	811854	26288	28.3	8.604	930	.7	65.8					93
Dew Point	702497	24093	25.9	9.183	930	1.1	72.8					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) OCT (MONTH)

PAGE 1 0600-0800 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53			.1															1	1		
50/ 49			.5	.1														6	6	1	
48/ 47			.6	.5														11	11	3	
46/ 45	.1	.6	.4	.2														17	17	5	4
44/ 43	.8	.6	.3	.2														18	18	20	9
42/ 41	.6	1.7	.4															26	26	33	21
40/ 39	.9	1.0	1.0															26	26	21	18
38/ 37	1.5	3.3	.6	.3														54	54	44	37
36/ 35	1.1	5.6	1.3	.2														76	76	58	44
34/ 33	3.7	4.3	.6															80	80	86	80
32/ 31	4.3	8.4	.5															123	123	106	92
30/ 29	3.0	7.1	.1															95	95	115	87
28/ 27	2.5	4.2	.2															64	64	72	89
26/ 25	3.2	4.9																76	76	84	75
24/ 23	2.8	2.2	.2															48	48	53	69
22/ 21	3.1	2.7																54	54	60	59
20/ 19	2.2	1.7																36	36	42	50
18/ 17	2.3	1.2																32	32	37	49
16/ 15	1.7	.3																19	19	19	39
14/ 13	1.6	.2																17	17	20	26
12/ 11	1.4	.1																14	14	13	21
10/ 9	1.2	.2																13	13	12	15
8/ 7	.8	.1																7	7	8	14
6/ 5	.3	.1																4	4	4	10
4/ 3	.4																	4	4	5	3
2/ 1	.2																	2	2	2	5
0/ -1	.3																	3	3	3	5
-2/ -3	.1																	1	1	1	3
-4/ -5																					2
-6/ -7																					1
-12/-13	.1																	1	1	1	
-14/-15	.1																	1	1	1	1
-18/-19	.1																	1	1	1	1
-22/-23																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) OCT (MONTH)

 0600-0800 (HOURS L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	40.2	50.6	7.5	1.6													930	930	930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7263692	81856	88.0	7.966	930							
Dry Bulb	849604	26728	28.7	9.306	930	.7	61.5					93
Wet Bulb	789487	25829	27.8	8.812	930	.7	65.9					93
Dew Point	689521	23773	25.6	9.385	930	1.4	71.7					93

USAFETAC FORM 0-26 5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
26102	FORT SMITH NWT DOT APT	57-66	OCT

PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
66/ 65						.1												1	1		
64/ 63					.1		.1											2	2		
62/ 61						.1												1	1		
58/ 57				.1														1	1		
56/ 55				.5	.3	.1												9	9	2	
54/ 53			.1	.2	.6	.3	.2											14	14		
52/ 51			.1	.9	.5	.2												16	16	3	
50/ 49		.1	.2	1.1	.4	.1												18	18	6	1
48/ 47	.1	.4	1.2	.3	.2													21	21	12	4
46/ 45	.2	.2	.6	.9	.1													19	19	24	7
44/ 43	.3	1.7	1.2	1.3														42	42	40	12
42/ 41	.3	2.8	1.4	1.2	.1													54	54	35	21
40/ 39	.4	2.6	3.2	.2														60	60	56	50
38/ 37	.2	3.3	2.3	.5														59	59	58	44
36/ 35	1.6	4.6	2.6	.1														83	83	85	51
34/ 33	1.9	5.1	1.0															74	74	86	87
32/ 31	1.6	6.8	.6															84	84	91	91
30/ 29	1.1	5.5	.8															68	68	77	99
28/ 27	2.0	5.5	.5															75	75	84	72
26/ 25	1.1	4.1	.5															53	53	60	85
24/ 23	1.4	3.4	.1															46	46	59	53
22/ 21	1.0	2.4	.1															32	32	43	57
20/ 19	1.4	2.2																33	33	28	47
18/ 17	.8	1.6																22	22	31	43
16/ 15	.8	.5																12	12	15	33
14/ 13	.2	.8																9	9	9	17
12/ 11	.5	.6																11	11	12	21
10/ 9	.4	.2																6	6	8	5
8/ 7																				1	10
6/ 5	.2																	2	2	2	13
4/ 3																					1
2/ 1	.1																	1	1	1	3
-2/ -3	.1																	1	1	1	1
-6/ -7																					1

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NWT OUT APT — STATION NAME
57-66 — YEARS
OCT — MONTH

 0900-1100 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-12/-13	.1																	1	1	1	
-18/-19																					1
TOTAL	18.0	34.4	16.6	7.3	2.5	1.0	.3											930		930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6777716	75662	81.4	11.464	930							
Dry Bulb	1094080	30530	32.8	9.943	930	.2	45.6					93
Wet Bulb	955635	28679	30.8	8.757	930	.2	52.3					93
Dew Point	774760	25534	27.5	8.907	930	.3	65.3					93

USAFETAC FORM 0-26-5 (OL-A) 7-64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NAT GUT APT STATION NAME | 57-66 YEARS | OCT MONTH

PAGE 1 | 1200-1400 HOURS L.S.T.

Temp. F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67								.3										3	3		
66/ 65							.1	.1										2	2		
64/ 63						.1	.2	.1	.1									5	5		
62/ 61						.1	.3											4	4		
60/ 59					.5	1.1	.3	.1										19	19		
58/ 57					.3	.5	.6											14	14		
56/ 55				.3	.9	1.2	.4	.2										28	28		
54/ 53				.3	.9	.3	.1											15	15	7	
52/ 51			.3	.8	.9	.4												22	22	13	
50/ 49			.4	.8	1.6	.2												28	28	18	
48/ 47	.1	.3	1.2	1.9	.6	.3												42	42	25	
46/ 45		.8	1.8	2.7	1.2	.1												61	61	44	10
44/ 43	.1	1.3	1.5	1.9	.5													50	50	46	20
42/ 41	.1	1.6	1.8	1.2	.9													52	52	64	35
40/ 39	.3	2.2	2.4	.9	.4													57	57	74	50
38/ 37	.1	2.5	2.7	.4														53	53	71	45
36/ 35	.6	2.7	3.2															61	61	67	62
34/ 33	1.6	4.0	2.5															75	75	85	101
32/ 31	1.1	5.2	1.7															74	74	97	105
30/ 29	.4	4.9	1.3															62	62	51	76
28/ 27	.1	3.4	.9															41	41	64	86
26/ 25	.4	4.9	.3															53	53	54	73
24/ 23	.1	2.9	.4															32	32	54	59
22/ 21	1.0	1.8																26	26	32	59
20/ 19	.4	2.2																24	24	26	54
18/ 17	.4	.4																8	8	16	31
16/ 15		1.3																12	12	8	16
14/ 13	.1	.4																5	5	10	14
12/ 11		.1																1	1	2	10
10/ 9																				1	12
8/ 7		.1																1	1	1	10
6/ 5																					2
TOTAL	7.1	43.0	22.5	11.2	8.7	4.4	2.2	.9	.1									930	930	930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5254775	68469	73.6	15.174	930							
Dry Bulb	1393625	34343	37.1	10.911	930		33.9	.3				93
Wet Bulb	1126161	31337	33.7	8.695	930		41.6					93
Dew Point	833097	26791	28.8	8.124	930		60.7					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 — STATION

FORT SMITH NWT DOT APT — STATION NAME

57-66 — YEARS

OCT — MONTH

PAGE 1

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67								.1										1	1		
66/ 65							.1	.2										3	3		
64/ 63							.3	.1	.1									5	5		
62/ 61						.3	.5	.1										9	9		
60/ 59					.2	.3	.6	.6										17	17		
58/ 57					.9	.8	1.0											24	24		
56/ 55				.3	.9	.3	.3	.1										18	18		
54/ 53			.2	.6	.4	.3	.2	.1										18	18	6	
52/ 51			.3	.8	1.0	.5												24	24	7	
50/ 49		.2	.5	1.3	1.5	.3	.1											37	37	29	
48/ 47		.1	1.0	1.2	1.4	.2												36	36	37	4
46/ 45		.8	1.4	2.7	.4													49	49	38	9
44/ 43		.9	2.5	1.7	.9													55	55	41	19
42/ 41	.1	1.4	2.6	.8	.8													52	52	58	38
40/ 39	.4	2.8	1.6	1.2	.2													58	58	84	43
38/ 37	.2	2.6	2.7	.1														52	52	68	48
36/ 35	.9	2.2	4.1	.1														67	67	74	66
34/ 33	1.1	4.3	1.7															66	66	79	96
32/ 31	1.1	4.6	1.7	.1														70	70	80	101
30/ 29	.4	4.6	2.0															66	66	62	75
28/ 27	.8	3.5	.9	.1														49	49	72	88
26/ 25	.5	3.3	.5															41	41	58	73
24/ 23	.9	3.8	.3															46	46	42	67
22/ 21	.8	1.5	.1															22	22	43	58
20/ 19	.2	1.5	.1															17	17	12	42
18/ 17	.2	1.0	.1															12	12	18	34
16/ 15	.1	.8																8	8	12	21
14/ 13	.1	.3																4	4	6	14
12/ 11		.2																2	2	1	10
10/ 9	.1																	1	1	2	16
8/ 7																					3
6/ 5																					3
4/ 3	.1																	1	1	1	1
2/ 1																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102	FORT SMITH NWT DOT APT	57-66	OCT
STATION	STATION NAME	YEARS	MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
TOTAL	8.0	40.3	24.4	11.0	8.5	3.1	3.2	1.4	.1									930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5193263	68035	73.2	15.252	930							
Dry Bulb	1409776	34740	37.4	10.983	930		33.9	.1				93
Wet Bulb	1135859	31471	33.8	8.735	930		40.9					93
Dew Point	836411	26823	28.8	8.221	930		60.7					93

USAFETAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | OCT MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59						.1												1	1		
58/ 57						.1												1	1		
56/ 55					.5	.3	.1											9	9		
54/ 53			.2	.6	.2													10	10		
52/ 51			.5	.8	.2	.2												16	16		
50/ 49		.3	1.2	.6	.4		.1											25	25	4	
48/ 47		.4	.6	1.4	.2													25	25	24	1
46/ 45		.2	.8	1.5	.3	.2												28	28	27	9
44/ 43		1.2	2.5	1.2														45	45	29	14
42/ 41	.1	2.3	2.6	.6	.1													53	53	40	24
40/ 39	.9	3.1	2.6	.5	.1													67	67	72	31
38/ 37	.6	3.2	1.8	.2	.1													56	56	77	53
36/ 35	1.1	4.5	2.5															75	75	74	76
34/ 33	2.3	4.1	.5															64	64	91	96
32/ 31	1.5	5.4	1.1	.1														75	75	67	87
30/ 29	2.6	5.8	1.1															88	88	87	82
28/ 27	1.5	5.8	.6															74	74	72	73
26/ 25	1.5	5.5																65	65	87	67
24/ 23	.9	3.8	.1															44	44	49	85
22/ 21	1.8	1.8																34	34	51	57
20/ 19	.8	1.3																19	19	22	56
18/ 17	.2	1.1																12	12	13	27
16/ 15	.3	1.1																13	13	12	24
14/ 13	.5	.8																12	12	13	19
12/ 11	.5	.4																9	9	11	9
10/ 9	.5																	5	5	9	13
8/ 7																					10
6/ 5	.2																	2	2	2	7
4/ 3	.1																	1	1	1	7
2/ 1																					1
0/ -1	.1																	1	1	1	
-2/ -3	.1																	1	1	1	
-4/ -5																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | OCT MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	18.2	52.0	18.7	7.6	2.3	1.0	.2											930	930	930	930

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6248574	75492	81.2	11.392	930							
Dry Bulb	1115763	30929	33.3	9.686	930	.2	45.5					93
Wet Bulb	972336	29016	31.2	8.495	930	.2	49.8					93
Dew Point	787928	25862	27.8	8.602	930	.2	62.6					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION — FORT SMITH NWT DOT APT STATION NAME — 57-66 YEARS — OCT MONTH

 2100-2300 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53			.1	.1	.4													6	6		
52/ 51		.1	.4	.8	.1													13	13		
50/ 49		.5	.6	.3														14	14	3	1
48/ 47		.1	.6	1.0	.2	.1												19	19	14	3
46/ 45		.5	.6	.9	.2													21	21	21	6
44/ 43		1.0	1.5	.8	.1	.1												32	32	13	11
42/ 41	.2	2.7	1.1	.8	.3													47	47	30	16
40/ 39	.3	2.8	1.7	.5														50	50	60	27
38/ 37	.9	4.1	.6	.3														55	55	59	50
36/ 35	1.4	4.6	1.7	.1														73	73	71	70
34/ 33	2.4	6.5	1.2	.1														94	94	94	73
32/ 31	3.7	4.7	.3															81	81	100	99
30/ 29	1.9	6.7	.2															82	82	77	90
28/ 27	1.4	5.5	.5															69	69	80	57
26/ 25	2.3	4.5	.2															65	65	67	84
24/ 23	1.3	4.6																55	55	64	69
22/ 21	2.4	2.6	.2															48	48	57	58
20/ 19	1.4	1.5																27	27	30	65
18/ 17	1.1	1.1																20	20	26	40
16/ 15	.9	.5																13	13	14	29
14/ 13	.9	1.1																18	18	14	14
12/ 11	.6	.3																9	9	16	21
10/ 9	.6	.1																7	7	7	9
8/ 7	.4	.1																5	5	5	15
6/ 5	.3																	3	3	4	10
4/ 3	.1																	1	1	1	6
2/ 1																					3
0/ -1	.1																	1	1	1	1
-2/ -3	.2																	2	2	2	
-4/ -5																					1
-6/ -7																					2
TOTAL	24.7	56.2	11.8	5.6	1.4	.2													930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6678525	78209	84.1	10.452	930							
Dry Bulb	992827	29089	31.3	9.450	930	.3	50.6					93
Wet Bulb	889676	27638	29.7	8.576	930	.3	56.5					93
Dew Point	742487	24937	26.8	8.915	930	.4	67.3					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NWT OUT APT — STATION NAME
57-66 — YEARS
NOV — MONTH
PAGE 1
0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45					.1													1	1		
44/ 43				.2														2	2		
42/ 41			.2	.1														3	3		
40/ 39				.1														1	1	1	
38/ 37			.2															2	2	4	
36/ 35																				1	
34/ 33		.4	.2															6	6	3	
32/ 31	.2	2.1	.1															22	22	17	8
30/ 29	1.6	1.9																31	31	31	19
28/ 27	2.0	3.2																47	47	45	33
26/ 25	1.9	3.7																50	50	42	37
24/ 23	2.5	4.0																58	58	64	43
22/ 21	2.7	2.5	.1															47	47	54	51
20/ 19	1.8	3.8																50	50	38	45
18/ 17	.8	1.7																22	22	37	41
16/ 15	2.6	1.4																36	36	35	37
14/ 13	2.8	1.3																37	37	40	31
12/ 11	1.7	1.9																32	32	27	39
10/ 9	3.6	.9																40	40	45	26
8/ 7	3.0	.3																30	30	32	30
6/ 5	4.2	.8																43	43	42	45
4/ 3	3.0	.8																34	34	32	31
2/ 1	2.8	.7																31	31	32	43
0/ -1	3.8	.7																40	40	41	25
-2/ -3	2.3	.7																27	27	24	27
-4/ -5	2.3	.7																27	27	29	32
-6/ -7	1.4	.3																16	16	16	35
-8/ -9	2.7	.2																26	26	28	19
-10/-11	1.9	.1																18	18	18	18
-12/-13	1.8																	16	16	17	23
-14/-15	1.4	.2																15	15	14	21
-16/-17	.8	.1																8	8	8	17
-18/-19	1.0	.1																10	10	11	22
-20/-21	2.1																	19	19	19	12

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NWT UNIT APT — STATION NAME
57-66 — YEARS
NOV — MONTH
PAGE 2
0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-22/-23	1.3	.1																13	13	13	11
-24/-25	1.1																	10	10	10	13
-26/-27	.7	.1																7	7	6	14
-28/-29	.7																	6	6	7	7
-30/-31	.8																	7	7	7	13
-32/-33	.3																	3	3	3	8
-34/-35	.4																	4	4	4	6
-36/-37																			1		6
-38/-39																			2		4
-40/-41																					2
-42/-43																					3
TOTAL	64.0	34.6	.9	.4	.1													897	900	897	897

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6093659	73559	82.0	8.279	897							
Dry Bulb	311473	7623	8.5	16.572	900	27.5	88.5					90
Wet Bulb	290943	7347	8.2	16.048	897	27.6	89.1					90
Dew Point	286393	3793	4.2	17.371	897	33.9	90.0					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NAT DOT APT (STATION NAME) 57-66 (YEARS) NOV (MONTH)

 0300-0900 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43				.1														1	1		
42/ 41			.1															1	1		
40/ 39			.3															3	3		
38/ 37			.3	.1														4	4	2	
36/ 35		.1	.1															2	2	3	
34/ 33		.9	.1															9	9	5	
32/ 31	.8	1.6	.2															23	23	20	8
30/ 29	.9	1.7	.1															24	24	24	21
28/ 27	1.9	3.4	.1															44	44	37	26
26/ 25	1.6	2.8																39	39	46	33
24/ 23	1.8	3.9	.1															52	52	46	48
22/ 21	3.2	3.1	.1															58	58	57	40
20/ 19	3.0	2.5																49	49	57	43
18/ 17	1.6	1.7																29	29	38	50
16/ 15	2.0	.8																25	25	23	43
14/ 13	2.7	1.3																36	36	36	32
12/ 11	2.8	2.7																49	49	43	25
10/ 9	3.9	1.2																46	46	52	35
8/ 7	3.9	.3																38	38	42	35
6/ 5	2.3	1.0																30	30	27	49
4/ 3	2.0	.6																23	23	24	36
2/ 1	2.3	.3																24	24	26	35
0/ -1	4.1	.8																44	44	42	20
-2/ -3	2.9	.7																32	32	31	23
-4/ -5	2.3	.3																24	24	28	30
-6/ -7	2.3	.2																23	23	22	35
-8/ -9	1.5	.4																17	17	15	22
-10/-11	1.9	.3																20	20	22	28
-12/-13	2.1	.2																21	21	22	14
-14/-15	1.6																	14	14	14	13
-16/-17	1.1																	10	10	10	29
-18/-19	1.0																	9	9	9	14
-20/-21	1.2																	11	11	11	22
-22/-23	1.3	.1																13	13	13	4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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26102 FORT SMITH NWT DOT APT — STATION NAME
57-66 — YEARS
NOV — MONTH
PAGE 2
0300-0500 — HOURS L.S.T.

Temp. °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-24/-25	2.6																	23	23	23	9
-26/-27	1.6	.1																15	15	14	14
-28/-29	.2																	2	2	3	14
-30/-31	.2																	2	2	2	15
-32/-33	.4																	4	4	4	15
-34/-35	.1																	1	1	1	7
-36/-37																			6		2
-38/-39																					2
-40/-41																					2
-42/-43																					1
TOTAL	65.0	33.1	1.7	.2														894	900	894	894

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	681782	73382	82.1	8.086	894							
Dry Bulb	307596	7246	8.1	16.651	900	29.1	88.0					90
Wet Bulb	283703	7083	7.9	15.964	894	28.8	89.0					90
Dew Point	281579	3571	4.0	17.302	894	33.7	90.0					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | NOV MONTH

PAGE 1 | 0600-0800 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41				.1														1	1		
40/ 39			.1															1	1		
38/ 37			.4	.1														5	5		
36/ 35			.2	.1														3	3	3	
34/ 33		.9	.4															12	12	5	
32/ 31	.0	1.6																19	19	19	5
30/ 29	.9	2.1																27	27	26	20
28/ 27	1.8	3.4																46	46	42	27
26/ 25	1.5	2.7																37	37	41	53
24/ 23	1.7	2.0	.1															34	34	37	26
22/ 21	3.0	2.4																53	53	52	42
20/ 19	3.8	2.4																55	55	57	35
18/ 17	2.9	1.2																37	37	42	52
16/ 15	1.9	1.1																27	27	27	40
14/ 13	2.2	2.4																41	41	35	31
12/ 11	5.2	1.1																56	56	63	33
10/ 9	2.2	1.1																30	30	32	48
8/ 7	3.9	.4																35	35	37	38
6/ 5	2.8	.3																26	26	26	29
4/ 3	3.4	.4																34	34	31	35
2/ 1	2.9	.6																31	31	34	26
0/ -1	3.9	.1																36	36	36	26
-2/ -3	2.7	.3																27	27	25	32
-4/ -5	2.8	.6																30	30	32	34
-6/ -7	1.8	.3																19	19	17	28
-8/ -9	2.7	.4																28	28	30	26
-10/-11	2.0																	18	18	18	18
-12/-13	1.9	.1																18	18	17	28
-14/-15	1.8	.2																18	18	19	9
-16/-17	1.6	.2																16	16	15	22
-18/-19	1.8																	16	16	17	24
-20/-21	1.1																	10	10	10	19
-22/-23	1.3																	12	12	12	15
-24/-25	1.5	.1																14	14	14	18

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH INT DOT APT — STATION NAME
57-66 — YEARS
NOV — MONTH

PAGE 2 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-26/-27	1.0																	9	9	9	12
-28/-29	.6																	5	5	5	14
-30/-31	.3																	3	3	3	10
-32/-33	.2																	2	2	2	8
-34/-35	.1																	1	3	1	4
-36/-37																			4		2
-38/-39																			1		1
-40/-41																			1		2
TOTAL	59.728.6	1.3	.3															892	900	892	892

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6133922	73652	82.6	7.677	892							
Dry Bulb	299047	7001	7.8	16.494	900	29.0	89.8					90
Wet Bulb	273988	6958	7.8	15.703	892	28.6	89.2					90
Dew Point	269941	3547	4.0	16.945	892	35.5	90.0					90

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NWT DOT APT — STATION NAME
57-66 — YEARS
NOV — MONTH

PAGE 1 — 0900-1100 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49					.1													1	1		
46/ 45					.1													1	1		
42/ 41				.1														1	1	1	
40/ 39			.1	.3														4	4	1	
38/ 37		.1	.3	.1														5	5	1	
36/ 35		.3	.6	.1														9	9	2	1
34/ 33		1.0	.1															10	10	14	1
32/ 31	.3	1.6	.2															19	19	17	7
30/ 29	.6	2.4	.1															27	27	29	19
28/ 27	1.2	3.6	.1															44	44	32	41
26/ 25	2.5	2.7																46	46	61	27
24/ 23	1.6	2.4	.1															36	36	29	49
22/ 21	1.7	2.5																37	37	43	44
20/ 19	3.1	2.1																47	47	49	22
18/ 17	1.5	2.2																33	33	27	47
16/ 15	3.0	1.1																37	37	49	31
14/ 13	2.5	1.7																37	37	32	31
12/ 11	4.4	3.0																66	66	59	42
10/ 9	2.8	1.6																39	39	49	45
8/ 7	2.5	.7																28	28	31	41
6/ 5	2.7	.6																29	29	28	42
4/ 3	3.2	1.0																38	38	37	31
2/ 1	2.5	1.8																38	38	31	25
0/ -1	2.6	.8																30	30	37	32
-2/ -3	3.2	.4																33	33	33	28
-4/ -5	1.6	1.3																26	26	21	34
-6/ -7	2.2	.6																25	25	32	37
-8/ -9	1.7	.6																20	20	19	23
-10/-11	1.8	.6																21	21	21	20
-12/-13	2.0	.2																20	20	20	21
-14/-15	2.0	.6																23	23	24	15
-16/-17	1.7																	15	15	16	26
-18/-19	1.0																	9	9	9	26
-20/-21	.9																	8	8	8	18

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NAT DOT APT — STATION NAME
57-66 — YEARS
NOV — MONTH
PAGE 2 — 0900-1100 HRS

Temp. °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
-22/-23	.9																	8		8	8	15
-24/-25	.7																	6		6	6	8
-26/-27	.4																	4		4	4	15
-28/-29	.6																	5		5	5	9
-30/-31	.9																	8		8	8	2
-32/-33																				2		8
-34/-35																				2		2
-36/-37																				1		3
-38/-39																				1		2
-40/-41																				1		2
-42/-43																						1
TOTAL	90.	137.	3	1.	7	.7	.2											893		900	893	893

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	598172	72696	81.4	8.457	893							
Dry Bulb	298413	7823	8.7	16.009	900	26.8	86.9					90
Wet Bulb	271236	7622	8.5	15.203	893	27.3	88.1					90
Dew Point	261987	3997	4.5	16.542	893	35.0	89.8					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | NOV MONTH

PAGE 1 | 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51						.2												2	2		
50/ 49					.1													1	1		
44/ 43				.1														1	1		
42/ 41			.2	.2														4	4	3	
40/ 39	.1	.2	.1															4	4	2	1
38/ 37		.1	1.0	.4														14	14	4	2
36/ 35		.1	.6	.3														9	9	7	
34/ 33	.1	2.3	.8															29	29	16	1
32/ 31	.6	1.3	.3															20	20	34	15
30/ 29	1.1	2.3																31	31	32	31
28/ 27	1.2	3.1	.1															40	40	34	33
26/ 25	1.2	4.3																50	50	49	25
24/ 23	1.0	2.9																35	35	43	53
22/ 21	.7	2.8																31	31	30	48
20/ 19	2.2	3.1																48	48	47	24
18/ 17	1.2	2.1																30	30	40	40
16/ 15	2.2	3.3																50	50	44	36
14/ 13	3.3	3.1																58	58	55	39
12/ 11	2.4	2.7																46	46	49	49
10/ 9	2.3	2.6																44	44	48	42
8/ 7	1.7	1.3																27	27	31	43
6/ 5	2.2	1.1																30	30	31	36
4/ 3	2.4	1.2																33	33	31	26
2/ 1	2.6	.6																28	28	33	41
0/ -1	2.8	1.3																37	37	34	23
-2/ -3	2.2	2.0																38	38	34	32
-4/ -5	2.9	1.3																38	38	41	31
-6/ -7	2.3	.4																25	25	31	37
-8/ -9	2.0	.6																23	23	22	27
-10/-11	1.3	.4																16	16	17	25
-12/-13	1.7	.2																17	17	16	31
-14/-15	1.1	.1																11	11	12	18
-16/-17	.8																	7	7	7	22
-18/-19	.4																	4	4	4	18

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NAT DOT APT — STATION NAME
57-66 — YEARS
NOV — MONTH
PAGE 2
1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
-20/-21	.3																	3	3	3	13
-22/-23	.3																	3	3	3	8
-24/-25	.7	.1																7	7	6	6
-26/-27	.4																	4	4	5	8
-28/-29	.2																	2	2	2	2
-30/-31																					6
-32/-33																					5
-34/-35																					2
-38/-39																					1
TOTAL	48.2	47.2	3.1	1.1	.1	.2												900			900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5696017	71141	79.0	6.989	900							
Dry Bulb	317133	10389	11.5	14.811	900	23.5	83.6					90
Wet Bulb	287691	9723	10.8	14.262	900	23.7	86.8					90
Dew Point	254312	5608	6.2	13.621	900	31.5	89.6					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | NOV MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51						.1												1	1		
48/ 47					.1													1	1		
46/ 45					.1													1	1		
44/ 43				.1														1	1		
42/ 41	.1	.2		.4														7	7	2	
40/ 39			.2	.2														4	4	3	3
38/ 37		.4	.2															6	6	2	
36/ 35		.2	.3	.1														6	6	11	
34/ 33		1.4	.3															16	16	9	4
32/ 31	.1	2.6	.1															25	25	23	12
30/ 29	1.2	1.9	.2															30	30	35	25
28/ 27	.8	3.3	.3															40	40	25	28
26/ 25	1.9	4.1																54	54	64	32
24/ 23	1.6	3.2																43	43	44	43
22/ 21	1.1	2.9																36	36	41	48
20/ 19	1.6	3.0																41	41	45	43
18/ 17	2.0	2.3																39	39	34	34
16/ 15	1.8	2.1																35	35	38	37
14/ 13	2.7	3.3																54	54	50	38
12/ 11	2.7	1.8																40	40	50	33
10/ 9	2.4	1.4																35	35	37	47
8/ 7	3.2	1.0																38	38	35	46
6/ 5	3.0	1.4																40	40	41	26
4/ 3	2.0	1.4																31	31	30	34
2/ 1	3.2	1.3																41	41	42	36
0/ -1	2.4	.8																29	29	29	33
-2/ -3	3.8	.6																39	39	41	37
-4/ -5	2.0	1.4																31	31	24	35
-6/ -7	1.7	.8																22	22	29	28
-8/ -9	2.1	.3																22	22	22	30
-10/-11	1.2	.7																17	17	17	20
-12/-13	1.7	.3																18	18	19	28
-14/-15	2.1	.2																21	21	21	20
-16/-17	1.6	.1																15	15	15	15

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DMT APT STATION NAME | 57-66 YEARS | NOV MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-18/-19	.4																	4	4	5	20
-20/-21	.2																	2	2	2	23
-22/-23																					13
-24/-25	.7																	6	6	6	8
-26/-27	.7																	6	6	6	5
-28/-29	.2																	2	2	2	
-30/-31																					2
-32/-33	.1																	1	1	1	10
-34/-35																					2
-36/-37																					1
-40/-41																					1
TOTAL	52.2	44.8	1.8	.9	.2	.1													900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5798737	71831	79.8	8.552	900							
Dry Bulb	305679	9725	10.8	14.938	900	23.5	85.7					90
Wet Bulb	280087	9133	10.1	14.438	900	23.9	87.3					90
Dew Point	253379	5187	5.8	15.767	900	33.1	89.3					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) NOV (MONTH)

PAGE 1 1800-2000 (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41		.1		.1														2	2		
40/ 39		.1	.2	.3														6	6	1	1
38/ 37		.2	.2															4	4	1	
36/ 35		.3	.3															6	6	8	1
34/ 33		.6	.2															7	7	7	4
32/ 31	.4	1.4	.2															19	19	19	9
30/ 29	1.2	2.1																30	30	25	15
28/ 27	1.2	2.3																32	32	29	32
26/ 25	2.2	4.4																60	60	51	26
24/ 23	2.1	2.8																44	44	61	40
22/ 21	1.8	3.2																45	45	38	55
20/ 19	2.2	1.4																33	33	45	41
18/ 17	1.8	1.4																29	29	25	33
16/ 15	1.8	3.2																45	45	41	28
14/ 13	3.7	2.6																56	56	51	32
12/ 11	2.6	1.3																35	35	43	49
10/ 9	3.9	.8																47	42	45	43
8/ 7	3.3	.9																38	38	40	38
6/ 5	2.1	.6																24	24	24	43
4/ 3	2.7	1.0																33	33	33	32
2/ 1	3.2	.9																37	37	37	19
0/ -1	3.7	.6																38	38	40	31
-2/ -3	2.8	.3																28	28	28	34
-4/ -5	2.3	.2																23	23	22	44
-6/ -7	2.0	.4																22	22	22	31
-8/ -9	2.8	.3																28	28	29	19
-10/-11	2.3	.1																22	22	22	14
-12/-13	1.7	.2																17	17	18	23
-14/-15	2.4	.2																24	24	22	29
-16/-17	1.6																	14	14	16	20
-18/-19	1.7	.2																17	17	17	16
-20/-21	1.7																	15	15	15	20
-22/-23	.7																	6	6	6	16
-24/-25	.2																	2	2	2	16

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | NOV MONTH

1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-26/-27	.4																	4	4	4	17
-28/-29	.6																	5	5	5	8
-30/-31																					5
-32/-33	.1																	1	1	1	1
-34/-35	.7																	6	7	6	4
-36/-37																					4
-38/-39																					1
-40/-41																					4
-44/-45																					1
TOTAL	63.8	34.5	1.2	.4															900		899
																		899		899	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5988707	73013	81.2	8.099	899							
Dry Bulb	291581	7887	8.8	15.731	900	27.3	87.5					90
Wet Bulb	273498	7516	8.4	15.316	899	27.5	88.3					90
Dew Point	266162	3796	4.2	16.690	899	35.8	89.4					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION — FORT SMITH NKT DOT APT STATION NAME — 57-66 YEARS — NOV MONTH

PAGE 1 — 2100-2300 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43				.1														1	1		
42/ 41			.1															1	1		
40/ 39			.2															2	2		
38/ 37		.1	.2															3	3	2	
36/ 35		.2	.1															3	3	3	
34/ 33		1.2	.3															14	14	6	2
32/ 31	.3	1.7	.1															19	19	21	11
30/ 29	.9	1.7																23	23	24	19
28/ 27	1.9	2.0																35	35	35	20
26/ 25	1.9	3.8																51	51	40	35
24/ 23	2.0	3.9																53	53	57	44
22/ 21	1.3	2.9																38	38	38	47
20/ 19	1.6	2.6																37	37	42	30
18/ 17	2.0	2.2																38	38	43	41
16/ 15	2.8	1.9																42	42	40	41
14/ 13	2.6	2.2																43	43	43	34
12/ 11	2.6	2.0																41	41	39	33
10/ 9	2.7	1.4																37	37	45	44
8/ 7	4.1	.6																42	42	43	29
6/ 5	2.3	1.1																31	31	27	50
4/ 3	3.8	1.2																45	45	45	39
2/ 1	2.7	.6																29	29	32	30
0/ -1	3.3	.2																32	32	34	32
-2/ -3	2.2	.3																23	23	23	32
-4/ -5	3.3	.4																34	34	34	29
-6/ -7	1.2	.6																16	16	13	24
-8/ -9	1.7	.2																17	17	21	27
-10/-11	2.3	.1																22	22	22	23
-12/-13	1.3	.6																17	17	14	18
-14/-15	2.1	.3																22	22	22	20
-16/-17	2.3	.2																23	23	25	12
-18/-19	1.6	.2																16	16	16	22
-20/-21	.8	.2																9	9	10	20
-22/-23	1.1																	10	10	10	18

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 FORT SMITH NWT DOT APT — STATION NAME — 57-66 — YEARS — NOV — MONTH

PAGE 2 — 2100-2300 — HOURS (L.S.T.)

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-24/-25	.6																	5	5	5	13
-26/-27	.8																	7	7	7	22
-28/-29	.9																	8	8	8	9
-30/-31	.2																	2	2	2	6
-32/-33	.2																	2	2	2	3
-34/-35	.4																	4	5	4	8
-36/-37																			2		4
-38/-39																					2
-40/-41																					3
-44/-45																					1
TOTAL	.2	036.8	1.1	.1														897	900	897	897

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6020850	73134	81.5	8.053	897							
Dry Bulb	291730	7348	8.2	16.055	900	27.2	87.6					90
Wet Bulb	272519	7055	7.9	15.563	897	27.3	88.9					90
Dew Point	270802	3432	3.8	16.958	897	34.9	89.8					90

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT OUT APT STATION NAME | 57-66 YEARS | DEC MONTH

PAGE 1 | 0000-0200 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
30/ 29			.2															2	2		
28/ 27		.1																1	1		
26/ 25	.1	.3																4	4	5	
24/ 23	.1	.9																9	9	4	1
22/ 21	.1	.9																9	9	13	5
20/ 19	.2	.8																9	9	6	5
18/ 17	1.7	1.1																25	25	25	12
16/ 15	1.7	1.2																26	26	25	20
14/ 13	2.1	1.4																31	31	36	19
12/ 11	2.7	.8																31	31	27	31
10/ 9	6.6	1.2																70	70	70	27
8/ 7	3.4	.6																35	35	41	36
6/ 5	5.1	.7																51	51	47	63
4/ 3	3.9	.1																36	36	40	36
2/ 1	2.3	.8																27	27	25	45
0/ -1	2.8	1.1																35	35	31	29
-2/ -3	2.9	1.2																37	37	38	28
-4/ -5	3.6	.5																36	36	39	27
-6/ -7	4.5	.7																46	46	47	29
-8/ -9	2.5	.2																24	24	25	38
-10/-11	3.3	.9																37	37	32	38
-12/-13	3.5	.5																35	35	36	28
-14/-15	3.7	.6																38	38	41	26
-16/-17	2.8																	25	25	26	28
-18/-19	3.4	.1																31	31	31	25
-20/-21	4.5	.1																41	41	41	32
-22/-23	2.7																	24	24	24	34
-24/-25	3.0	.1																28	28	27	51
-26/-27	3.6	.1																33	33	34	33
-28/-29	2.5																	22	22	22	26
-30/-31	1.5																	13	13	13	26
-32/-33	1.2																	11	11	11	34
-34/-35	.7																	6	10	6	26
-36/-37																			16		15

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102	FORT SMITH NAT DOT APT	57-66	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-38/-39																			10		6
-40/-41																			5		5
-42/-43																			4		2
-44/-45																			1		1
-50/-51																			2		
TOTAL	2	817	0	2														888	930	888	887

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5393814	68780	77.5	8.396	887							
Dry Bulb	272661	-5325	-5.9	16.068	930	56.4	93.0					93
Wet Bulb	206872	-4062	-4.6	14.570	888	54.9	93.0					93
Dew Point	301972	-8536	-9.6	15.752	887	61.5	93.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26152 STATION | FORT SMITH NAT DNT APT STATION NAME | 57-66 YEARS | DEC MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
28/ 27		.1	.1															2	2		
26/ 25	.1	.5																4	5	3	
24/ 23	.6	1.0																14	14	11	2
22/ 21		.1																1	1	8	8
20/ 19	.8	.8																14	14	8	6
18/ 17	2.0	1.8																34	34	33	6
16/ 15	1.5	.5																17	17	22	22
14/ 13	2.4	.6																26	26	24	31
12/ 11	1.8	.9																24	24	24	17
10/ 9	6.0	1.7																68	68	65	25
8/ 7	4.4	.8																46	46	50	29
6/ 5	2.9	.6																31	31	31	61
4/ 3	2.7	.6																29	29	30	42
2/ 1	3.6	.8																39	39	37	23
0/ -1	4.5	.7																46	46	48	30
-2/ -3	2.7	.7																30	30	29	30
-4/ -5	4.3	.7																44	44	44	36
-6/ -7	3.4	.6																35	35	37	39
-8/ -9	2.7	.8																31	31	28	30
-10/-11	4.4	.9																47	47	44	39
-12/-13	2.5	.6																27	27	31	34
-14/-15	3.7	.9																41	41	41	22
-16/-17	3.2	.8																35	35	34	29
-18/-19	3.4	.5																34	34	35	32
-20/-21	3.1	.7																33	33	32	44
-22/-23	2.4	.3																24	24	27	36
-24/-25	2.7	.1																25	25	25	36
-26/-27	2.6																	23	23	24	35
-28/-29	2.7																	24	24	24	34
-30/-31	1.4																	12	12	12	23
-32/-33	.9																	8	8	8	26
-34/-35	1.7																	15	20	15	20
-36/-37																			11		12
-38/-39																			9		9

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | DEC MONTH

PAGE 2 | 0300-0500 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-40/-41																			12		12
-42/-43																			6		2
-44/-45																			2		2
-46/-47																			1		
TOTAL	1	118	8	1														884	930	884	884

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5337186	68286	77.2	8.401	884							
Dry Bulb	778784	-5860	-6.3	16.135	930	58.0	93.0					93
Wet Bulb	207190	-4244	-4.8	14.545	884	56.6	93.0					93
Dew Point	305800	-8794	-9.9	15.724	884	64.4	93.0					93

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

20102 — STATION
FORT SMITH NWT OUT APT — STATION NAME
57-66 — YEARS
DEC — MONTH

PAGE 1 — 0600-0800 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
32/ 31	.1																	1	1	1	
30/ 29		.2																2	2	1	1
28/ 27		.5																4	4	2	
26/ 25		1.1																10	10	5	3
24/ 23	.2	.8																9	9	13	5
22/ 21		.6																5	5	6	9
20/ 19	.8	1.0																16	16	14	6
18/ 17	1.5	1.4																25	25	23	13
16/ 15	1.0	1.0																18	18	21	11
14/ 13	1.2	1.0																20	20	20	23
12/ 11	2.8	.3																28	28	31	21
10/ 9	4.1	1.4																48	48	40	17
8/ 7	4.3	1.0																47	47	56	37
6/ 5	4.1	1.1																46	46	41	45
4/ 3	4.5	1.1																50	50	54	41
2/ 1	2.5	.9																30	30	26	39
0/ -1	3.2	1.0																37	37	38	42
-2/ -3	2.7	.3																27	27	30	31
-4/ -5	3.9	1.0																43	43	39	26
-6/ -7	3.1	.7																33	33	36	33
-8/ -9	2.8	.7																31	31	28	26
-10/-11	3.2	1.1																38	38	39	30
-12/-13	3.0	.3																29	29	33	47
-14/-15	3.7	.5																37	37	35	21
-16/-17	4.4	.3																42	42	42	26
-18/-19	4.4	.5																43	43	43	31
-20/-21	2.5	.2																24	24	25	37
-22/-23	2.8																	25	25	26	49
-24/-25	3.1	.2																29	29	29	36
-26/-27	2.5																	22	22	22	31
-28/-29	2.5																	22	22	22	33
-30/-31	1.7	.1																16	16	16	24
-32/-33	1.6																	14	14	14	31
-34/-35	1.0																	9	10	9	19

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | DEC MONTH

0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-36/-37																			17		14
-38/-39																			9		11
-40/-41																			10		7
-42/-43																			5		2
-44/-45																			5		2
-46/-47																			2		
-50/-51																			1		
TOTAL	79,420.6																		930		880
																		880		880	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5315258	67920	77.4	8.349	878							
Dry Bulb	293439	-6087	-6.5	16.522	930	57.1	93.0					93
Wet Bulb	211878	-4290	-4.9	14.739	880	55.6	93.0					93
Dew Point	310348	-8780	-10.0	15.919	880	64.4	93.0					93

USAFETAC FORM 0 26 5 (OL A) JUL 64 REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | DEC MONTH

PAGE 1 | 0900-1100 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
34/ 33		.3																3	3		
32/ 31		.2																2	2	5	3
30/ 29	.1	.1																2	2	1	3
28/ 27		.3																3	3	3	
26/ 25		.1																1	1	1	1
24/ 23		.8																7	7	4	2
22/ 21	.3	1.4																15	15	12	4
20/ 19	.7	.6																11	11	15	4
18/ 17	1.1	.8																15	15	15	18
16/ 15	2.1	1.1																29	29	26	15
14/ 13	2.0	1.8																32	32	30	15
12/ 11	3.2	.8																35	35	42	30
10/ 9	2.9	1.0																35	35	33	27
8/ 7	3.5	.5																35	35	35	34
6/ 5	4.5	1.0																49	49	49	39
4/ 3	6.1	.9																62	62	58	27
2/ 1	3.8	1.5																45	45	44	46
0/ -1	3.2	.7																34	34	41	52
-2/ -3	2.5	1.0																31	31	25	30
-4/ -5	2.1	1.1																29	29	30	48
-6/ -7	3.2	.8																35	35	37	25
-8/ -9	2.8	.8																32	32	32	26
-10/-11	2.3	.8																27	27	29	29
-12/-13	2.8	.8																32	32	30	27
-14/-15	4.1	.7																42	42	43	31
-16/-17	3.9	.9																43	43	41	25
-18/-19	2.8	.5																29	29	32	28
-20/-21	4.3	.1																39	39	41	29
-22/-23	2.9	.3																29	29	28	41
-24/-25	2.3	.1																21	21	22	40
-26/-27	2.8																	25	25	25	38
-28/-29	2.4																	21	21	21	21
-30/-31	2.3																	20	20	20	38
-32/-33	.9																	8	8	8	34

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | DEC MONTH

PAGE 2 | 0900-1100 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-34/-35	1.0																	9	18	9	26
-36/-37																			13		18
-38/-39																			8		4
-40/-41																			6		5
-42/-43																			2		2
-44/-45																			5		1
-46/-47																					1
TOTAL	78.	7	21.	3														887	930	887	887

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5311902	68156	76.9	8.828	886							
Dry Bulb	275792	-5570	-6.0	16.154	930	54.9	92.7					93
Wet Bulb	211027	-4125	-4.7	14.715	887	53.9	93.0					93
Dew Point	314506	-8738	-9.9	16.057	887	64.9	93.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION
FORT SMITH NWT DOT APT — STATION NAME
57-66 — YEARS
DEC — MONTH

PAGE 1 — 1200-1600 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35		.3																3	3	1	
34/ 33		.5																5	5	4	4
32/ 31	.1	.5																6	6	4	2
30/ 29																				5	3
28/ 27		.5																5	5		1
26/ 25	.1	.3																4	4		4
24/ 23		.5																5	5		4
22/ 21	.1	1.2																12	12		5
20/ 19	1.3	1.1																22	22	24	4
18/ 17	1.5	.2																16	16	21	17
16/ 15	1.9	1.2																29	29	22	26
14/ 13	3.1	1.8																46	46	48	16
12/ 11	2.4	.9																30	30	30	32
10/ 9	2.4	1.0																31	3	30	31
8/ 7	3.7	1.4																47	47	52	30
6/ 5	5.6	.6																58	58	58	37
4/ 3	4.2	1.6																54	54	51	38
2/ 1	2.9	1.2																38	38	41	52
0/ -1	2.8	1.0																35	35	31	39
-2/ -3	3.8	.8																42	42	45	38
-4/ -5	2.2	.8																27	27	30	39
-6/ -7	2.8	.8																33	33	29	33
-8/ -9	3.5	1.0																41	41	40	27
-10/-11	3.1	1.6																44	44	41	35
-12/-13	5.1	.8																54	54	59	25
-14/-15	4.3	1.3																52	52	48	32
-16/-17	2.5	.4																27	27	32	31
-18/-19	2.7	.5																30	30	30	46
-20/-21	2.1																	19	19	21	46
-22/-23	2.4																	22	22	22	37
-24/-25	2.3	.2																23	23	23	29
-26/-27	2.7	.1																26	26	26	23
-28/-29	1.7	.2																18	19	18	29
-30/-31	1.4	.1																14	14	14	41

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 — STATION

FORT SMITH NWT DOT APT — STATION NAME

57-66 — YEARS

DEC — MONTH

PAGE 2

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-32/-33	1																	1	1	1	20
-34/-35																					20
-36/-37																			3		12
-38/-39																			1		14
-40/-41																					1
-42/-43																					2
TOTAL	1	5	3	2	4	5												925	930	925	925

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5393262	70096	75,8	9,387	925							
Dry Bulb	210180	-2768	-3.0	14.744	930	51.9	92.2					93
Wet Bulb	201104	-2836	-3.1	14.430	925	51.9	92.5					93
Dew Point	306435	-7947	-8.6	16.055	925	62.2	92.6					93

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NWT DOT APT (STATION NAME) 57-66 (YEARS) DEC (MONTH)

 1500-1700 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35		.3																3	3	1	
34/ 33			.1															1	1	2	2
32/ 31	.2	.2																4	4	2	3
30/ 29		.6																6	6	5	
28/ 27		.1																1	1	4	2
26/ 25	.1	.8	.1															9	9	4	5
24/ 23	.1	.6																7	7	9	5
22/ 21		.9																8	8	7	5
20/ 19	.6	1.2																17	17	17	6
18/ 17	1.4	.8																20	20	23	15
16/ 15	2.4	1.0																31	31	26	18
14/ 13	2.1	1.1																29	29	32	22
12/ 11	2.9	1.3																39	39	35	25
10/ 9	3.2	1.2																41	41	44	33
8/ 7	4.0	1.5																51	51	45	37
6/ 5	4.5	1.0																51	51	53	45
4/ 3	4.5	.9																50	50	52	45
2/ 1	3.0	.6																34	34	34	42
0/ -1	2.6	1.2																35	35	33	32
-2/ -3	3.5	1.1																42	42	47	39
-4/ -5	3.7	1.0																43	43	43	33
-6/ -7	2.4	.9																30	30	29	39
-8/ -9	2.4	.3																25	25	26	24
-10/-11	3.7	.6																40	40	37	37
-12/-13	4.3	.9																52	52	54	34
-14/-15	3.7	.6																40	40	39	29
-16/-17	2.5	.8																30	30	32	23
-18/-19	2.7	.5																30	30	30	34
-20/-21	2.5																	23	23	25	46
-22/-23	2.4	.2																24	24	23	27
-24/-25	2.9																	27	27	28	40
-26/-27	2.2	.1																21	21	20	27
-28/-29	2.2	.2																22	22	22	25
-30/-31	1.8																	17	17	18	33

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION — FORT SMITH NWT DOT APT STATION NAME — 57-66 YEARS — DEC MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-32/-33	1.5																	14	14	14	16
-34/-35	.8																	7	7	7	25
-36/-37																			3		21
-38/-39																			1		14
-40/-41																					9
-42/-43																			1		3
-44/-45																					3
-46/-47																			1		1
TOTAL	77.	22.	.2															924	930	924	924

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5431446	70302	76.1	9.458	924							
Dry Bulb	229890	-3416	-3.7	15.296	930	52.8	92.6					93
Wet Bulb	217460	-3408	-3.7	14.899	924	53.0	92.7					93
Dew Point	324292	-8430	-9.1	16.503	924	61.8	92.8					93

USAFETAC FORM AUG 64 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT ONT APT STATION NAME | 57-66 YEARS | DEC MONTH

1800-2000 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35			c1															1	1		
34/ 33		.3																3	3	1	
32/ 31																				3	1
30/ 29		.6	.1															6	6	1	
28/ 27	.4	.2	.1															7	7	5	5
26/ 25	.2	.2																4	4	5	5
24/ 23	.2	.2																4	4	6	4
22/ 21	.6	1.2																16	16	11	7
20/ 19	.7	.6																11	11	16	5
18/ 17	.6	1.2																16	16	10	17
16/ 15	1.7	.9																23	23	27	4
14/ 13	1.9	.9																25	25	25	25
12/ 11	1.3	1.3																24	24	20	27
10/ 9	4.9	.8																51	51	55	15
8/ 7	4.2	.9																46	46	41	31
6/ 5	6.6	1.1																69	69	74	49
4/ 3	5.1	1.0																55	55	54	41
2/ 1	2.6	.6																28	28	30	59
0/ -1	2.6	1.3																35	35	28	49
-2/ -3	2.8	.8																32	32	36	28
-4/ -5	4.2	1.0																47	47	49	22
-6/ -7	1.9																	17	17	20	36
-8/ -9	3.2	.1																30	30	29	35
-10/-11	3.7	.9																41	41	38	34
-12/-13	3.4	.3																34	34	39	21
-14/-15	3.4	1.0																40	40	38	27
-16/-17	3.2	.3																32	32	36	27
-18/-19	3.3	.2																32	32	31	23
-20/-21	3.2	.4																33	33	34	40
-22/-23	3.1	.2																30	30	30	29
-24/-25	2.7	.1																25	25	26	30
-26/-27	2.6																	23	23	23	48
-28/-29	2.3	.1																22	22	22	38
-30/-31	2.0																	18	18	18	28

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT OOT APT STATION NAME | 57-66 YEARS | DEC MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-32/-33	1.1																	10	10	10	23
-34/-35	1.0																	9	10	9	26
-36/-37																			18		21
-38/-39																			7		10
-40/-41																			2		5
-42/-43																					3
-44/-45																					1
-46/-47																			1		
-50/-51																			2		
TOTAL	30.8	18.9	.3																930		899
																		899		899	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9341348	68824	76.6	8.982	899							
Dry Bulb	264372	-4870	-5.2	16.042	930	54.1	92.6					93
Wet Bulb	215941	-3867	-4.3	14.898	899	53.0	92.9					93
Dew Point	321729	-8683	-9.7	16.275	899	62.5	93.0					93

USAFETAC FORM 0-26-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 (STATION) FORT SMITH NAT DOT APT (STATION NAME) 57-66 (YEARS) DEC (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
32/ 31			.1															1	1		
30/ 29	.1	.1	.2															4	4	2	
28/ 27	.1	.1																2	2	2	1
26/ 25		.1																1	1	3	2
24/ 23	.1	1.0																10	10	6	1
22/ 21	.2	.8																9	9	11	6
20/ 19	.8	1.2																18	18	14	9
18/ 17	.9	.4																12	12	18	12
16/ 15	1.7	1.3																27	27	22	13
14/ 13	1.9	.6																22	22	25	21
12/ 11	1.9	1.5																30	30	23	26
10/ 9	3.6	1.1																60	60	66	15
8/ 7	4.2	1.1																47	47	46	39
6/ 5	6.2	.8																62	62	66	48
4/ 3	4.3	.7																44	44	41	53
2/ 1	2.9	.9																34	34	36	57
0/ -1	1.6	.8																21	21	19	35
-2/ -3	2.1	.9																27	27	27	26
-4/ -5	3.8	1.0																43	43	43	28
-6/ -7	2.9	.6																31	31	35	22
-8/ -9	4.4	.3																42	42	39	28
-10/-11	2.8	.4																29	29	30	33
-12/-13	2.7	.9																32	32	32	30
-14/-15	3.8	.6																39	39	39	27
-16/-17	2.8	.7																31	31	31	32
-18/-19	4.3	.2																40	40	42	35
-20/-21	3.8	.2																36	36	34	27
-22/-23	2.5																	22	22	24	35
-24/-25	3.3	.1																30	30	30	47
-26/-27	3.1																	28	28	28	36
-28/-29	3.1																	28	28	28	23
-30/-31	1.5																	13	13	13	34
-32/-33	1.0																	9	9	9	32
-34/-35	.6																	5	7	5	20

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26102 STATION | FORT SMITH NWT DOT APT STATION NAME | 57-66 YEARS | DEC MONTH

 2100-2300 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-36/-37																			15		22
-38/-39																			10		13
-40/-41																			10		1
-42/-43																			1		
-48/-49																			1		
-50/-51																			1		
-52/-53																			1		
TOTAL	1	118	6	3														889	930	889	889

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5382116	68734	77.3	8.743	889							
Dry Bulb	273224	-5568	-6.0	16.069	930	54.7	93.0					93
Wet Bulb	208116	-4148	-4.7	14.580	889	53.1	93.0					93
Dew Point	307389	-8717	-9.8	13.808	889	61.3	93.0					93

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

26102 FORT SMITH NWT DOT APT 57-66

(STATION) (STATION NAME) (YEARS)

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	-16.2	-11.4	.5	22.2	37.9	48.8	55.1	51.7	40.6	30.4	8.5	-5.9	22.0
	S D	16.731	18.038	17.061	13.347	9.390	8.048	6.246	6.681	7.954	9.378	16.572	16.068	27.897
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
03-05	MEAN	-16.5	-12.5	-1.4	19.5	35.2	46.9	53.0	49.4	39.3	29.3	8.1	-6.3	20.5
	S D	16.916	18.464	17.640	14.226	8.928	7.732	6.430	6.757	7.972	9.128	16.651	16.135	27.507
	TOTAL OBS	927	846	930	900	930	900	930	930	900	930	900	930	10953
06-08	MEAN	-16.6	-13.1	-2.0	21.0	40.2	53.6	58.5	53.0	39.9	28.7	7.8	-6.5	22.2
	S D	16.931	18.565	17.831	14.131	10.003	7.683	5.883	6.771	7.732	9.306	16.494	16.522	29.376
	TOTAL OBS	928	846	930	900	930	900	930	930	900	930	900	930	10954
09-11	MEAN	-15.9	-9.8	5.2	28.4	47.2	60.2	65.3	61.1	46.7	32.8	8.7	-6.0	27.2
	S D	16.469	16.786	15.712	12.979	11.675	9.282	7.219	7.262	8.466	9.943	16.009	16.154	31.111
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN	-11.9	-3.3	12.3	33.3	51.7	63.8	69.2	65.5	51.7	37.1	11.5	-3.0	31.7
	S D	14.411	15.121	14.426	12.553	12.026	9.865	7.931	8.138	9.710	10.911	14.811	14.744	30.746
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
15-17	MEAN	-12.0	-1.7	14.6	35.0	53.3	64.7	69.9	66.4	52.4	37.4	10.8	-3.7	32.4
	S D	14.670	14.868	14.098	12.175	11.962	9.745	8.049	8.285	9.799	10.983	14.938	15.296	31.002
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
18-20	MEAN	-14.5	-6.8	9.5	32.2	51.1	62.8	67.8	62.7	47.4	33.3	8.8	-5.2	29.3
	S D	15.749	16.681	15.588	12.277	11.528	9.237	7.401	7.803	9.083	9.686	15.731	16.042	31.230
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
21-23	MEAN	-15.6	-9.5	4.2	25.9	43.5	55.3	60.2	55.3	42.6	31.3	8.2	-6.0	24.8
	S D	16.425	17.669	16.663	12.596	10.177	8.196	6.442	6.640	8.157	9.450	16.055	16.069	29.185
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
ALL HOURS	MEAN	-14.9	-8.5	5.4	27.2	45.0	57.0	62.4	58.1	45.1	32.5	9.0	-5.3	26.3
	S D	16.158	17.517	17.209	14.190	12.524	10.880	9.313	9.570	9.931	10.335	15.966	15.927	30.095
	TOTAL OBS	7435	6768	7440	7200	7440	7200	7440	7440	7200	7440	7200	7440	87643

USAFETAC FORM 0-64 0 89 5 (OL-1)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

26102 FORT SMITH NWT DOT APT 57-66

STATION STATION NAME YEARS

HRS L S T		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	-12.1	-8.3	.5	20.4	34.3	45.1	51.9	49.4	39.1	29.1	8.2	-4.6	22.0
	S D	13.827	15.750	16.135	12.407	8.138	7.121	5.414	5.820	7.592	8.671	16.048	14.570	25.120
	TOTAL OBS	797	760	919	900	930	900	930	930	900	930	897	888	10681
03-05	MEAN	-12.2	-8.5	-1.0	18.1	32.5	44.0	50.5	47.8	38.0	28.3	7.9	-4.8	21.1
	S D	13.757	15.700	16.472	13.440	8.080	7.066	5.775	6.167	7.725	8.604	15.964	14.545	24.800
	TOTAL OBS	789	738	909	900	930	900	930	930	900	930	894	884	10634
06-08	MEAN	-12.5	-9.1	-1.3	19.3	35.9	48.3	54.1	50.6	38.5	27.8	7.8	-4.9	22.3
	S D	13.993	15.661	16.512	13.151	8.352	6.582	4.820	5.924	7.529	8.812	15.703	14.739	26.031
	TOTAL OBS	797	734	902	900	930	900	930	930	900	930	892	880	10625
09-11	MEAN	-12.4	-8.3	4.5	25.1	39.8	51.1	57.0	55.0	43.2	30.8	8.5	-4.7	25.0
	S D	13.750	15.254	14.841	11.195	8.541	6.763	5.179	5.373	7.432	8.757	15.203	14.715	26.784
	TOTAL OBS	815	799	926	900	930	900	930	930	900	930	893	887	10740
12-14	MEAN	-11.0	-3.7	10.8	28.8	42.2	52.5	58.1	56.5	45.7	33.7	10.8	-3.1	27.1
	S D	13.368	14.416	13.314	10.191	8.185	6.642	5.182	5.583	7.710	8.695	14.262	14.430	26.248
	TOTAL OBS	894	841	930	900	930	900	930	930	900	930	900	925	10910
15-17	MEAN	-11.1	-2.1	12.8	30.0	43.0	52.8	58.3	56.6	46.0	33.8	10.1	-3.7	27.5
	S D	13.991	14.233	12.865	9.718	8.024	6.444	5.016	5.472	7.655	8.735	14.438	14.899	26.220
	TOTAL OBS	892	844	930	900	930	900	930	930	900	930	900	924	10910
18-20	MEAN	-11.6	-6.3	8.3	28.0	42.0	52.2	57.8	55.5	43.4	31.2	8.4	-4.3	26.0
	S D	13.542	15.743	14.640	10.167	8.151	6.393	5.022	5.426	7.738	8.495	15.316	14.898	26.643
	TOTAL OBS	830	824	930	900	930	900	930	930	900	930	899	899	10802
21-23	MEAN	-11.8	-7.3	3.5	23.4	38.1	49.2	55.1	51.8	40.5	29.7	7.9	-4.7	23.8
	S D	13.716	15.799	15.858	11.387	8.161	6.772	5.048	5.603	7.588	8.576	15.563	14.580	25.864
	TOTAL OBS	799	782	927	900	930	900	930	930	900	930	897	889	10714
ALL HOURS	MEAN	-11.8	-6.6	4.8	24.1	38.5	49.4	55.4	52.9	41.8	30.6	8.7	-4.3	24.4
	S D	13.690	15.487	15.934	12.298	8.989	7.429	5.893	6.517	8.182	8.926	15.353	14.678	26.074
	TOTAL OBS	6613	6322	7373	7200	7440	7200	7440	7440	7200	7440	7172	7176	86016

USAFETAC FORM JUL 64 0 89 5 (OL-1)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

26102 FORT SMITH NWT DOT APT 57-66
(WBAN) (STATION NAME) (YEARS)

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	-18.2	-14.0	-5.0	15.3	28.9	41.4	49.2	47.5	37.1	26.6	4.2	-9.6	17.9
	S D	14.800	16.946	17.254	13.229	8.849	7.943	5.844	5.894	8.073	9.079	17.371	15.752	26.540
	TOTAL OBS	797	760	919	900	930	900	930	930	900	930	897	887	10680
03-05	MEAN	-18.1	-14.1	-6.4	13.4	28.1	40.9	48.4	46.4	36.3	25.9	4.0	-9.9	17.3
	S D	14.560	16.888	17.684	14.442	8.895	7.738	6.012	6.166	8.263	9.183	17.302	15.724	26.400
	TOTAL OBS	789	737	909	900	930	900	930	930	900	930	894	884	10633
06-08	MEAN	-18.5	-14.8	-6.7	14.1	29.7	43.3	50.8	48.7	36.8	25.6	4.0	-10.0	18.1
	S D	14.792	17.092	17.904	14.112	8.944	7.844	5.477	5.909	8.084	9.385	16.945	15.919	27.263
	TOTAL OBS	797	733	902	900	930	900	930	930	900	930	892	880	10624
09-11	MEAN	-18.5	-14.4	-2.0	18.0	30.4	43.0	51.0	50.5	39.4	27.5	4.5	-9.9	19.1
	S D	14.488	16.619	16.326	11.825	8.825	8.354	6.521	5.976	8.150	8.907	16.542	16.057	27.138
	TOTAL OBS	815	799	926	900	930	900	930	930	900	930	893	887	10740
12-14	MEAN	-17.4	-10.4	3.4	20.5	30.6	42.5	50.2	49.9	39.7	28.8	6.2	-8.6	19.9
	S D	14.184	15.758	14.549	10.349	8.422	8.422	6.892	6.692	8.585	8.124	15.621	16.055	25.962
	TOTAL OBS	894	841	930	900	930	900	930	930	900	930	900	925	10910
15-17	MEAN	-17.5	-8.9	5.3	20.9	30.5	42.3	49.9	49.4	39.4	28.8	5.8	-9.1	20.0
	S D	14.523	15.798	14.110	9.978	8.515	8.409	6.990	6.732	8.617	8.221	15.767	16.503	25.734
	TOTAL OBS	892	844	930	900	930	900	930	930	900	930	900	924	10910
18-20	MEAN	-17.7	-12.3	2.0	20.1	30.7	42.7	50.7	50.2	39.2	27.8	4.2	-9.7	19.6
	S D	14.425	17.184	15.792	10.501	8.885	8.571	7.054	6.163	8.342	8.602	16.690	16.275	26.571
	TOTAL OBS	830	824	930	900	930	900	930	930	900	930	899	899	10802
21-23	MEAN	-17.8	-12.9	-2.2	17.5	30.7	43.4	51.3	49.1	37.9	26.8	3.8	-9.8	19.0
	S D	14.662	17.005	16.972	12.223	8.911	8.256	5.885	5.868	8.196	8.915	16.958	15.808	26.823
	TOTAL OBS	799	781	927	900	930	900	930	930	900	930	897	889	10713
ALL HOURS	MEAN	-18.0	-12.6	-1.4	17.5	30.0	42.4	50.2	48.9	38.2	27.2	4.6	-9.6	18.9
	S D	14.545	16.760	16.909	12.496	8.827	8.236	6.423	6.317	8.384	8.883	16.673	16.016	26.570
	TOTAL OBS	6613	6319	7373	7200	7440	7200	7440	7440	7200	7440	7172	7175	86012

USAFETAC FORM 0-89-5 (OL-1)

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RELATIVE HUMIDITY

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

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RELATIVE HUMIDITY

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

2

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

2

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

2

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS							71.2	48.5	22.7			

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

2

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

2

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

2

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

2

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

2

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

2

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAF ETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

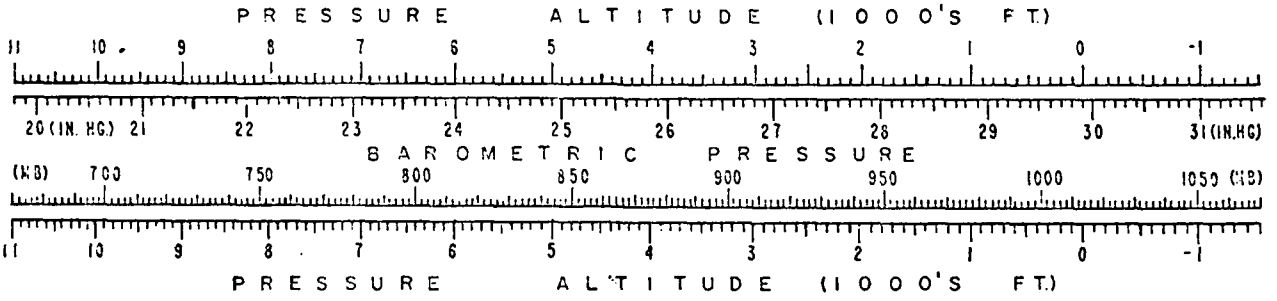
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after these dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

26102 FORT SMITH NWT OUT APT 57-66

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN	29.355	29.309	29.329	29.246	29.230	29.130	29.119	29.133	29.148	29.088	29.196	29.264	29.212
	S D	.316	.334	.299	.274	.228	.198	.185	.207	.253	.316	.338	.327	.291
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
05	MEAN	29.355	29.309	29.331	29.249	29.238	29.136	29.126	29.136	29.150	29.086	29.191	29.261	29.214
	S D	.314	.335	.299	.277	.232	.201	.189	.212	.255	.320	.340	.329	.292
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
08	MEAN	29.355	29.310	29.338	29.256	29.240	29.137	29.133	29.139	29.154	29.088	29.193	29.254	29.216
	S D	.313	.334	.299	.281	.235	.200	.189	.217	.259	.326	.339	.333	.294
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
11	MEAN	29.364	29.317	29.340	29.251	29.230	29.129	29.127	29.136	29.151	29.091	29.202	29.263	29.216
	S D	.315	.335	.299	.282	.236	.197	.187	.215	.258	.329	.339	.337	.295
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
14	MEAN	29.357	29.309	29.330	29.242	29.218	29.119	29.118	29.128	29.141	29.088	29.198	29.255	29.208
	S D	.316	.334	.294	.279	.231	.193	.184	.208	.255	.323	.333	.339	.292
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
17	MEAN	29.365	29.311	29.325	29.239	29.209	29.111	29.108	29.123	29.142	29.094	29.204	29.262	29.207
	S D	.316	.332	.287	.273	.226	.187	.182	.200	.247	.318	.329	.337	.289
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
20	MEAN	29.358	29.307	29.326	29.242	29.213	29.111	29.108	29.127	29.146	29.095	29.201	29.256	29.207
	S D	.314	.335	.286	.268	.222	.185	.181	.197	.247	.318	.330	.333	.287
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
23	MEAN	29.356	29.305	29.324	29.248	29.227	29.122	29.116	29.132	29.147	29.093	29.200	29.258	29.210
	S D	.317	.341	.290	.270	.224	.187	.184	.201	.252	.320	.331	.331	.289
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
ALL HOURS	MEAN	29.358	29.310	29.330	29.247	29.226	29.124	29.119	29.132	29.147	29.090	29.198	29.259	29.211
	S D	.315	.334	.294	.275	.229	.193	.185	.207	.253	.321	.334	.333	.291
	TOTAL OBS	2479	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2480	29215

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

26102 FORT SMITH NWT DOT APT 57-66
STATION STATION NAME YEARS

HRS L S T		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN	1021.4	1019.6	1019.8	1016.3	1015.2	1011.5	1010.9	1011.6	1012.4	1010.7	1015.2	1018.0	1015.2
	S D	11.307	11.906	10.689	9.721	7.957	6.960	6.524	7.274	8.977	11.053	12.081	11.680	10.512
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
05	MEAN	1021.4	1019.6	1019.9	1016.5	1015.5	1011.7	1011.2	1011.7	1012.5	1010.7	1015.0	1017.9	1015.3
	S D	11.235	11.914	10.675	9.843	8.093	7.034	6.638	7.454	9.043	11.208	12.124	11.737	10.557
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
08	MEAN	1021.5	1019.8	1020.3	1016.6	1015.6	1011.7	1011.3	1011.8	1012.7	1010.8	1015.1	1017.7	1015.4
	S D	11.207	11.884	10.695	9.958	8.208	6.996	6.642	7.607	9.150	11.419	12.106	11.869	10.619
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
11	MEAN	1021.8	1019.9	1020.2	1016.5	1015.2	1011.4	1011.2	1011.7	1012.6	1010.8	1015.4	1018.0	1015.4
	S D	11.259	11.910	10.675	9.968	8.237	6.884	6.575	7.544	9.131	11.499	12.105	12.032	10.674
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
14	MEAN	1021.5	1019.6	1019.8	1016.2	1014.8	1011.1	1010.9	1011.4	1012.2	1010.7	1015.2	1017.7	1015.1
	S D	11.297	11.889	10.483	9.852	8.066	6.736	6.474	7.290	8.923	11.327	11.883	12.075	10.555
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
17	MEAN	1021.8	1019.7	1019.7	1016.1	1014.5	1010.8	1010.5	1011.2	1012.2	1010.9	1015.5	1018.0	1015.1
	S D	11.296	11.821	10.257	9.632	7.882	6.517	6.402	7.028	8.719	11.145	11.750	12.045	10.465
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
20	MEAN	1021.6	1019.7	1019.9	1016.2	1014.6	1010.7	1010.4	1011.4	1012.5	1011.0	1015.4	1017.8	1015.1
	S D	11.264	11.961	10.249	9.510	7.750	6.450	6.332	6.907	8.721	11.145	11.769	11.891	10.414
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
23	MEAN	1021.5	1019.5	1019.7	1016.4	1015.1	1011.2	1010.8	1011.6	1012.4	1010.9	1015.3	1017.9	1015.2
	S D	11.323	12.131	10.365	9.566	7.822	6.555	6.457	7.069	8.918	11.209	11.825	11.805	10.449
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
ALL HOURS	MEAN	1021.6	1019.7	1019.9	1016.3	1015.1	1011.2	1010.9	1011.5	1012.5	1010.8	1015.3	1017.9	1015.2
	S D	11.259	11.909	10.300	9.745	8.001	6.769	6.504	7.268	8.936	11.236	11.940	11.876	10.531
	TOTAL OBS	2479	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2480	29215

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